ITEM: 2GKU6 - Paint Marker Brite Mark(R) 916 Gol MSDS: B1637

ORDER: 0138992450

LP NUMBER: U859724308

# **MATERIAL SAFETY DATA SHEET (MSDS)**

Associated Grainger Items 2GKU6, 2GKV7

ITW DYKEM(R\*)

MATERIAL SAFETY DATA SHEET

HMIS(R\*) FLAMMABILITY REACTIVITY PERSONAL PROTECTION B

- SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -

IDENTITY: BRITE-MARK GOLD

ITEM NO.: 40014, 41014, 84051, 91014

OTHER NAMES: 33, 916, PM-40

FORMULA: Z774

ANOTHER EXCLUSIVE PRODUCT OF: ITW DYKEM

NOIS. BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE): 805 EAST OLD 56 HIGHWAY OLATHE, KS 66061-4914

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053 (DOMESTIC) 1-352-323-3500 (INTERNATIONAL)

TELEPHONE NUMBER FOR INFORMATION: 1-800-443-9536 OR 1-913-397-9889

PRODUCT CLASS: SOLVENT BASED MARKER.

SIGNATURE OF PREPARER (OPTIONAL): REGULATORY DEPT.

DATE PREPARED: 9/05/06

SECTION 2	COMPOSITION	N/INFORMATION ON I	NGREDIENTS -
HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.	OSHA ACGIH- PEL TLV	OTHER LIMITS % RECOMMENDED (OPT.)
XYLENE	1330-20-7	TWA: TWA: 100 PPM 100	NO DATA 50 - 60
COPPER	7440-50-8	B TWA: TWA: 1 MG/M3 1 MG/M3	
ETHYL BENZENE	100-41-4	TWA: TWA: 100 PPM 100	ND DATA 1 - 10
ZINC	7440-66-6	TWA: TWA: 15 MG/M3 10 MG/M	

\*NUISANCE DUST AS FREE DUST ONLY, NOT AS BOUND IN PAINT OR INK.

- SECTION 3 HAZARDS IDENTIFICATION -

EMERGENCY OVERVIEW: GOLD OFAQUE THIN VISCOSITY LIQUID WITH AROMATIC ODOR.

WARNING FLAMMABLE

LIQUID AND VAPOR. KEEP AWAY FROM HEAT SPARKS AND FLAMES. NAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

POTENTIAL HEALTH EFFECTS:

EYES: LIQUID IS MODERATELY IRRITATING TO THE EYES.

SKIN: LIQUID IS MILDLY IRRITATING TO THE SKIN.

INGESTION: INGESTION OF LIQUID MAY CAUSE VOMITING.

HIGH CONCENTRATION OF VAPORS MAY PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUSEA.

CHRONIC HEADTH EFFECTS:
PROLONGED OR REPEATED COMFACT MAY CAUSE SKIN SENSITIZATION OR DERMATITIS.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO
SOLVENTS WITH IRREVERSIBLE BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL
MISUSE BY DELIBERATELY CONCENTRATING OR INHALING THIS PRODUCT MAY BE
HARMFUL OR FATAL. IARC (INTERNATIONAL AGENCY FOR RESEARCH OF CANCER) HAS
CLASSIFIED ETHYL BENZENE AS A POSSIBLE HUMAN CARCINGGEN (2B).

- SECTION 4 FIRST AID MEASURES -

EMES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION:

INFADATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN: FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTINUENCETED CLUTHING AND SHOES.

THE LARGE QUANTITIES OF THIS NATURIAL AND SWALLAWED, GHT HOME LAGE MOLICAL ATTENTION. DO NOT INDUCE MOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

- SECTION 5 FIRE FIGHTING MEASURES ----

FLASH POINT (METHOD USED): 79 DEC. F

FLAMMABLE LIMITS:

LEL: 1.9 UEL: 12.3

EXTINGUISHING MEDIA: USE WATER FOG, FOAM, DRY CHEMICAL OR COZ. USE WATER SPEAY TO COCL FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

SPECIAL FIRE FIGHTING PROCEDURES:
KEEP CONTAINERS COOL AND VALORE DOWN WITH VETER SPRAY, PREVENT SPILL FROM
ENTERING DRAINS, SEWERS, ITREAMS OR COLER BODIES OF WITH REPORT FROM OFF
OCCURS, NOTIFY PROPER AUTHORITIES, NO NOT BY ER CONTINUE THE SPACE WITHAT
FULL BUNKER GEAR (HELMET WITH FACE CHIELD, SINGER CONTS, CLOVES ATT HERBER
ECOTIS), INCLUDING A POSITIVE PRESSURE NICSE APPROVED SHEE CONTINUED
BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR HE MOVED BY VENTILATION AND BE IGNITED BY IGNITION SCORGE.

- SECTION 6 ACCIDENTAL RELEASE MEASURES ---

SMALL SPILL:
AFSORB LIQUID WITH NON-COMPUSTIBLE FLOOR ARSCHBEMT AND PLACE HE NON-LEARLING
CONTAINER; SEAL PROPERLY AND DISTRICE OF PROPERLY IN COMPLIANCE WITH
FEDERAL, STATE, AND LOCAL REGULATIONS.

LARGE SPILL:

EVACUATE AREA OF UNPROTECIND PERSONNEL. ELIMINATE ALL UNITION SCURCES.

STOP SPILL AT SOURCE IF SAFE TO BO SO.

HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT FRANKING FREEDAY OF HILL FROM
ENTERING DRAINS, SEMERS, STREAMS OF CHEER HODIES OF WATER IF NON OPE
OCCURS, NOTIFY PROPER AUTHORITIES. PURP OR VACUUM TRANSPER SILED FROM TO
TO CLEAN CONTAINERS FOR RECOVERY.
ABSORB UNRECOVERABLE PRODUCT. TRANSPER COMPANIANTED ASSORBSUNGSCOVERABLE PRODUCT. TRANSPER COMPANIANTED ASSORBSUNGSCOVERABLE PRODUCT. TRANSPER COMPANIANTED ASSORBSUNGSCOVERY.

COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGILATIONS.

- SECTION 7 HANDLING AND STORAGE

HANDLING:
EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE BARGETON.
DO NOT PRESSURIZE, CUT, WELD, PRAZE, SOLDER, CHILL, CRID, CN ECO SECURIO,
CONTAINERS TO HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, CR CHER COUCHS OF
CONTAINERS TO HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, CR CHER COUCHS OF
SUDDEN SPONTAMEOUS COMBUSTION MER MIXED WITH ALL INDITION HAVE OF A
SUDDEN SPONTAMEOUS COMBUSTION MER MIXED WITH ALL INDITION HAVE OF A
TEMPERATURES BELOW THOSE PUBLICIES IN THE LITERATURE AS "AUCTOCHILLO" OR
TEMPERATURES BELOW THOSE PUBLICIES IN THE LITERATURE AS "AUCTOCHILLO" OR
TEMPERATURES BELOW THOSE PUBLICIES IN THE LITERATURE AND "AUCTOCHILLO" OR
TEMPERATURES BELOW THOSE PUBLICIES IN THE LITERATURE WITH INCIDENT IN COURT AT
THE CONTINUE AND VAPOR VOLUME AND VAPOR AIR CHILCAGE DEFICIAL WITH INCIDENT OF THE THE AIR VAPOR
VOLUME AND VAPOR VOLUME AND VAPOR AIR CHILCAGE THE AND ARE DEFICIALLY IN DECIDENCE OF THE SET OF THE SET OF THE SUBJECTION OF THE SET OF THE SUBJECT OF THE S

STORAGE:
KEEP AWAY FROM HEAT, SPARKS AND OFEN FLAMES, MUST OUT OF REACH OF CHILDRIN.
KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN DUE, STORE IN COSM. WELL OVENTILATED PLACE AWAY FROM INCOMPATIBLE NATERIALS. DEPOMATION ON HE'S PARTERIAL SAFETY DATA SHEEPES RETHE UNE USED IN PERIL AND PAGESER, HOWEVER, IT APPLIES TO THESE INKS IN SULE. THE UNES ARE CONTAINED IN CONDITIONS.

- SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION ----

RESPIRATORY PROTECTION (SPECIFY TIPE):
NOT USUALLY NECESSARY, USE WITH ADEQUATE VENTILATION, USE NICETYMENTA
APPROVED RESPIRATOR IF PELS OR TWO ARE INCESSED.

ENGINEERING CONTROLS LOCAL EXHAUST: NOT USUALLY NEEDED SPECIAL: NONE MECHANICAL (GENERAL): YES OTHER: NONE

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES IF SKIN CONTROL IS POSSIBLE (CONSULT YOR ALEX EQUIPMENT SUPPLIER).

ETE PROTECTION:
NOT NORMALLY REQUIRED IF USED AS INTENDED.
WEAR CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH COLA REGULATION (F. SPLASHING IS POSSIBLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT USUALLY NECESSARY. FOR EULK MATERIAL, IF DIRECT CONPACT IS POSSIBLE, WEAR APRON, BOOTS, FACE SHIELD, FTC. AS NEEDED.

WORK/HYGIENIC PRACTICES: FOLLOW LABEL INSTRUCTIONS. WASH HANDS AFTER USE AND PERONE EATING, DRINKING, SMOKING, USING RESTROOMS, FTC.

- SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES — BOILING POINT: 282 TO 286 DEG. F SPECIFIC GRAVITY (H2O = 1) 0 70 DEG. F: >1 VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA MELTING POINT: NO DATA VAPOR DENSITY (AIR = 1): GREATER THAN ONE (1) EVAPORATION RATE (BUTYL ACETATE = 1): LESS THAN ONE (1) SOLUBILITY IN WATER: NEGLIGIBLE pH: NO DATA APPEARANCE AND ODOR: GOLD OPAQUE THIN VISCOSITY LIQUID WITH AROMATIC ODOR. VOC: THIS PRODUCT CONTAINS 657 GRAMS PER LITER OR 59.76% BY WEIGHT VOC'S. - SECTION 10 STABILITY AND REACTIVITY -CHEMICAL STABILITY: UNSTABLE () STABLE (X) CONDITIONS TO AVOID: NONE KNOWN. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND REDUCING AGENTS, STRONG ALKALIES AND STRONG ACIDS. HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, SCOT AND VARIOUS ORGANIC CXIDATION BY-PRODUCTS. HAZARDOUS POLYMERIZATION: MAY OCCUR ()
WILL NOT OCCUR (X) CONDITIONS TO AVOID: NO DATA - SECTION 11 TOXICOLOGICAL INFORMATION -ORAL LD50 DERMAL LD50 INHALATION LC50 (RABBIT) XYLENE 4300 MG/KG NO DATA NO DATA HYDROCARBON RESTN >500 MG/KG NO DATA PLEASE REFER TO SECTION 3 FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH - SECTION 12 ECOLOGICAL INFORMATION -NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEASE REFER TO SECTION 6 FOR INFORMATION REGARDING ACCIDENTAL RELEASES AND SECTION 15 FOR REGULATORY REPORTING INFORMATION. - SECTION 13 DISPOSAL CONSIDERATIONS DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS - SECTION 14 TRANSPORT INFORMATION (NOT MEANT TO BE ALL INCLUSIVE) DOMESTIC HIGHWAY (CONTAINERS <1 QUART ARE ORM-D): PROPER SHIPPING NAME: PAINT HAZARD CLASS/SUBSIDIARY HAZARD: 3 UN/NA NO.: UN1263 PACKING GROUP: II PACKING GROUP: III LABEL REQUIRED: FLAMMABLE LIQUID (3) DOMESTIC AIR SHIPMENTS (PENS):
PROPER SHIPPING NAME: CONSUMER CCMMODITY
HAZARD CLASS/SUBSIDIARY HAZARD: 9
UN/NA NO.: I.D. 8000
PACKING GROUP: NONE
LABEL REQUIRED: CLASS 9

- SECTION 15 REGULATORY INFORMATION -

(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED)

U.S. FEDERAL REGULATIONS:

TSCA: COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

CARCINOGENICITY:

NTP?: NO IARC MONOGRAPHS?: 2B OSHA REGULATED?: NO

HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

SECTION 313: THIS PRODUCT CONTAINS XYLENE (1330-20-7) AND ETHYL BENZENE (100-41-4) WHICH ARE LISTED AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEC. 313 IF USED OVER THE THRESHOLD REPORTING QUANTITY. THIS INFORMATION MUST BE INCLUDED IN ALL MSDSS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: NOT WHMIS CONTROLLED (PENS)

BULK: CLASS B2, D2A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS A CHEMICAL FROM TO THE STATE OF CALIFORNIA TO CAPEL CANCER, BENZENE, ETHYL BENZENE.

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. TOLDING, BENNESDS.

- SECTION 16 OTHER INFORMATION --

MEDS STATUS: REVISED SECTION(S): SECTION 15 HAS BEEN UPDATED.

WARNING:
THE USE OF THIS PRODUCT IS BETCHE THE CONTROL OF THE EVANUACTURER AND
DISTRIBUTOR, THEREFORE, NO CHARANTER, EXPRESSED OR INTELED, AS MORE AS TO
THE EFFECTS OF SUCH OR THE PESULTS TO PE OFINITED IF NOT SEED IN ACCEPTANCE
WITH DIRECTIONS OR ESTABLISHED SAFE PROTECTS. THE USER MUST A SIME ALL
RESPONSIBILITY, INCLUDING DUURY OR LANGEE, REVENIUM FROM IN MUSTURE AS
SUCH, OR IN COMBINATION WITH OTHER MATERIALS. THE MANUFACTURES AND
DISTRIBUTOR WARRANT ONLY THAT THIS PROJECT MICESS THE SPECIFICALISES FOR

THIS WARRANTY IS IN LIEU OF ALL DIFER MARKATIES, EXTRES OR IMPLIED, AND DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS OR ANY FARILULAE FURCES, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS MODILICIT. THE MANUFACTIVED AND DISTRIBUTOR SHALL BE IN NO MAY REPORTSHEE FOR THE IMPRIED HERE OF THIS PRODUCT. THE SOLE AND EXCLUSIVE REPRIVE FOR THE IMPRIED AND DISTRIBUTOR FOR BREACH OF WARFANTY THALL BE HELDERINAMENT OF THE FOLKER PRICE OF THE PRODUCT IN THE EVENT THAT A DEFINITIVE CONDITION OF THE HOWART SHALL BE FOUND TO EXIST. NO OTHER BUMELY (INCLUTING BUT NOT LINET TO STALL BE FOUND TO EXIST. NO OTHER BUMELY (INCLUTING BUT NOT LINET TO SOLITION OF THE MANUFACTURE OF THE MARKET TO PRESON OF MARKET TO PRES

#### ITEM: 2GKU7 - Paint Marker Brite Mark(R) 916 Sil MSDS: B1638 ORDER: 0138992450 LP NUMBER: U859724308

**MATERIAL SAFETY DATA SHEET (MSDS)** 

Associated Grainger Items 2GKU7, 2GKV8

ITW DYKEM(R\*)

MATERIAL SAFETY DATA SHEET

HMIS(R\*):

HEALTH FLAMMABILITY REACTIVITY
PERSONAL PROTECTION B

- SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -

IDENTITY: BRITE-MARK SILVER

ITEM NO.: 40016, 41016, 84050, 91016

OTHER NAMES: 33, 916, PM-40

FORMULA: ER054

NOIS: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

ANOTHER EXCLUSIVE PRODUCT OF: ITW DYKEM

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE): 805 EAST OLD 56 HIGHWAY OLATHE, KS 66061-4914

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053 (DOMESTIC), 1-352-323-3500 (INTERNATIONAL)

TELEPHONE NUMBER FOR INFORMATION: 1-800-443-9536 OR 1-913-397-9889

PRODUCT CLASS: SOLVENT BASED MARKER.

SIGNATURE OF PREPARER (OPTIONAL): REGULATORY DEPT.

DATE PREPARED: 9/05/06

 SECTION	2	COMPOSITION/	INFORMATION	ON	INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.	OSHA ACGIH- PEL TLV	OTHER LIMITS RECOMMENDED	(OPT.)
XYLENE	1330-20-7	TWA: TWA: 100 PPM	NO DATA	50 - 60
STODDARD SOLVENT	8052-41-3	TWA: TWA: 500 PPM 100 PPM	NO DATA	10 - 20
ALUMINUM FLAKE	7429-90-5	TWA: TWA: 15 10 MG/M3 MG/M3	NUISANCE DUST*	10 - 20
ETHYL BENZENE	100-41-4	TWA: TWA: 100 PPM 100 PFM	NO DATA	1 - 10

\*NUISANCE DUST AS FREE DUST ONLY, NOT AS BOUND IN PAINT OR INK.

- SECTION 3 HAZARDS IDENTIFICATION -

EMERGENCY OVERVIEW

SILVER OPAQUE THIN VISCOSITY LIQUID WITH AROMATIC COOR.

WARNING!

FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT SPARKS AND FLAMES. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

POTENTIAL HEALTH EFFECTS:

EYES: LIQUID IS MODERATELY IRRITATING TO THE EYES.

SKIN: LIOUID IS MILDLY IRRITATING TO THE SKIN.

INGESTION: INGESTION OF LIQUID MAY CAUSE VOMITING.

INHALATION:

HIGH CONCENTRATION OF VAPORS MAY PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUSEA.

CHRONIC HEALTH EFFECTS:
PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN SENSITIZATION OR DERMATITIS.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE
TO SOLVENTS WITH IRREVERSIBLE BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL
MISUSE BY DELIBERATELY CONCENTRATING OR INHALING THIS PRODUCT MAY BE
HARMFUL OR FATAL. IARC (INTERNATIONAL ASENCY FOR RESEARCH OF CANCER)
HAS CLASSIFIED ETHYL BENZENE AS A POSSIBLE HUMAN CARCINGEN (2P).

- SECTION 4 FIRST ATD MEASURES -

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR, IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.

SKIN: FLUSH SKIN WITH PLENTY OF WATER. REPOWE COMPANIATED CLATHING AND SIGES.

IF LARGE QUANTITIES OF THIS NATERIAL ARE SVALLOWED, CHI DANDLAGE MOLICAL ATTENTION. DO NOT INDUCE VOMITING. NEVER CIVE ANYTHING BY MOUTH TO AMUNCONSCIOUS PERSON.

- SECTION 5 FIRE FIGHTING MEASURES ----

FLASH POINT (METHOD USED): 79 DEG. F

FLAMMABLE LIMITS:

LEL: 0.9 UEL: 12.3

EXTINGUISHING MEDIA:
USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. USE WATER SPRAY/FOG TO COOL.
FIRE-EXPOSED CONTAINERS AND TO PROJECT PERSONNEL.

SPECIAL FIRE FIGHTING PROCEDURES:
KEEP CONTAINERS COOL AND VAPORS DOWN WITH WATER SPRAY, PRIMENT SPILL,
FROM ENTERING DRAINS, SEMERAS, STREAMS OR OTHER FODIES OF WATER, IS NOW OFF
CCCURS, NOTIFY PROPER AUTHORITIES DO NOT IN THE CONFINED FIRE SPATE WITHOUT
FULL BUNKER GEAR (HELMET WITH FACE SHIPLED, EINDER COUTS, SIDER AND HUMBE
BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SPLP-CONTAINED
BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

UNUSUAL FIRE AND EXPLOSION HAZAROSS AND FORM AN EXPLICITE MIGHTER, AND ALDMINUM PARTICLES SUSPENDED IN AIR FAY FORM AN EXPLICITE MIGHTER, AND ANY DISTURBANCE WHICH COULD CAUSE A DUST CLOUD, SUCH AS DIRECTING ACTES STREAMS OR GAS PROPELLED FIRE EXTINGUISHED THAT THE DURING METERIAL DO NOT USE FALOGENATED EXTINGUISHING ASSETS. MAJORI ARE HAVING THAT AIR AND MAY TRAVEL ALONG GROUND, OR BE MOVED BY VENITHATION AND HE ICENTIFE BY IGNITION SOURCE

- SECTION 6 ACCIDENTAL RELEASE MEASURES -

SMALL SPILL:
ABSORB LIQUID WITH NON-COMBUSTIBLE FLOOR ABSORBERT AND FLACE IN MIN-LEWICEGE CONTAINER; SEAL PROPERLY AND DISIOSE OF PROPERLY IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

LARGE SPILL:

BYACUATE AREA OF UNPROTECIED PERSONNEI, ELIMINATE ALL UNITION SOURCES.

STOP SPILL AT SOURCE IF SAFE TO DO SO, HANDLING EQUIMENT WITH BE SECUNDED.

TO PREVENT SPARKING, PREVENT SPILL FROM ENTERING DRAINS, SEWERT, THIAND OF OTHER BODIES OF WATER, IF REMOVED NOTHER BODIES OF WATER, IF REMOVED NOTHER FROM ENTERINGED IN THE POP OR VACUUM TRANSFER SPILLED PRODUCT TO CLEAN CONTAINES FOR REMOVED, FURD UNRECOVERABLE PRODUCT, TRANSFER CONTAINED ADSCRIPT, STILL AND OTHER WATERIALS TO CONTAINERS FOR DISCOAL, DICENSE OF PROJECT IN COMPANIONE WITH FEDERAL, STATE, AND LOCAL RECULATIONS.

- SECTION 7 HANDLING AND STORAGE

HANDLING:
EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAROR) AND CAN BE DARKEROUK.
DO NOT PRESSURIZE, CUT, WELD, ERAZE, SCIDER, DRILL, ERIND, ON EXPOSE SITH
CONTAINERS TO HEAT, SPARKE, FLAME, STATIC ELEXIFICITY, OR CHER CONTECT
OF IGNITION. MANY HOT ORGANIC CHEMICAL WARREN OR MISTS ARE SUCCEPTIBLE DO
SUDDEN SPONTANEOUS COMEUSTION WHEN HIMED WITH ALE. INDITION MAY COUR AT
TEMPERATURES BELOW THOSE PUBLISHED BY THE LITHERHIDE AS "AUTOINITION" OR
IGNITION TEMPERATURES. IGNITION TEMPERATURES DECREASE WITH INCREMINANT
VAPOR VOLUME AND VAPOR VOLUME AND VAPOR/AIR CHEMICALLY WARRENCE OF THE ANALYSIS MAY
OCCUR AT TYPICAL ELEVATED TEMPERATURE SOUNDED AND INCREME OF AIR
PROCESSES OPERATING UNDER WOLCH IF SURJECTED TO SUBJECT INFORMATION OF
OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED PRESSURE OF SURJECT
THIS PRODUCT IN ELEVATED THE ATMOSPHERE COURSE, ANY PROPOSED USE OF
THIS PRODUCT IN ELEVATED THE ATMOSPHERE COURSE, ANY PROPOSED USE OF
EVALUATED TO ASSURE THAT SAFE OPERATING CONDUCTIONS ASE ESTABLISHED AND
MAINTAINED.

STORAGE:
KEEP AWAY FROM HEAT, SPARKS AND OFEN FLAMES, STEE OUT OF MERCH OF CHILDREN.
KEEP CONTAINER TIGHTLY SPALED WHEN MCT IN USE, STORE IN COST,
WELL-VENTILITED PLACE AWAY FROM INCOMPTIBLE MATERIALS, IMPORMATION ON
THIS MATERIAL SAFETY DATA RESET REFER TO INCUSED IN FENS AND MERFES,
HOWEVER, IT APPLIES TO THESE INCU IN BULK, THE INLS ARE COSTAINED IN
CAPILLARY OR VALVE RESERVIES AND WILL NOT SPILE OR LEAK UNDER MORPH.

- SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION ---

RESPIRATORY PROTECTION (SPECIFY TYPE):
NOT USUALLY NECESSARY, USE WITH ADDICATE VENTULATION.
USE NIOSH/MSHA APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEPDED.

ENGINEERING CONTROLS: LOCAL EXHAUST: NOT USUALL! NEEOF:)
MECHANICAL (GENERAL): YES
SPECIAL: NONE OTHER: NONE

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES IF SKIN CONTACT IS TORSIBLE (CONSULT YOR CAPETA EQUIPMENT SUPPLIER).

EYE PROTECTION:
NOT NORMALLY REQUIRED IF USED AS INTENDED, WAR CHEMICAL SELACE OFFICE IN
COMPLIANCE WITH OSHA REGULATION IF SELACETING IS FOSTIBLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
NOT USUALLY NECESSARY. FOR BULK MATERIAL, IF DEREKT CONTACT IS POSSIBLE,
WEAR APRON, BOOTS, FACE SHIELD, FTC. AS MEEDED.

WORK/HYGIENIC PRACTICES: FOLLOW LABEL INSTRUCTIONS. WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC. SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES -BOILING POINT: 282 TO 286 DEG. F SPECIFIC GRAVITY (H20=1) @ 70 DEG. F: >1 VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA MELTING POINT: NO DATA VAPOR DENSITY (AIR=1): GREATER THAN ONE (1) EVAPORATION RATE (BUTYL ACETATE = 1): LESS THAN ONE (1) SOLUBILITY IN WATER: NEGLIGIBLE pH: NO DATA APPEARANCE AND ODOR: SILVER OPAQUE THIN VISCOSITY LIQUID WITH ARCMATIC ODOR. VOC: THIS PRODUCT CONTAINS 643 GRAMS PER LITER OR 65.56% BY WEIGHT VOC'S. SECTION 10 STABILITY AND REACTIVITY CHEMICAL STABILITY: UNSTABLE ( ) STABLE (X) CONDITIONS TO AVOID: NONE KNOWN. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND REDUCING AGENTS, STRONG ALKALIES, STRONG ACIDS AND HALOGENATED HYDROCARBONS. HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, ALUMINUM OXIDE, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS. HAZARDOUS POLYMERIZATION: MAY OCCUR (WILL NOT OCCUR (X) CONDITIONS TO AVOID: NO DATA - SECTION 11 TOXICOLOGICAL INFORMATION -ORAL LD50 (RAT) DERMAL LD50 (RABBIT) INHALATION LC50 (RAT) XYLENE 4300 MG/KG NO DATA NO DATA HYDROCARBON >500 MG/KG NO DATA NO DATA RESIN STODDARD >5000 MG/KG >3160 MG/KG NO DATA SOLVENT PLEASE REFER TO SECTION 3 FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH - SECTION 12 ECOLOGICAL INFORMATION -NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEASE REFER TO SECTION 6 FOR INFORMATION REGARDING ACCIDENTAL RELEASES AND SECTION 15 FOR REGULATORY REPORTING INFORMATION. - SECTION 13 DISPOSAL CONSIDERATIONS -DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. SECTION 14 TRANSPORT INFORMATION (NOT MEANT TO BE ALL INCLUSIVE) DOMESTIC HIGHWAY (CONTAINERS <1 QUART ARE ORM-D): PROPER SHIPPING NAME: PAINT HAZARD CLASS/SUBSIDIARY HAZARD: 3 UN/NA NO.: UN1263 PACKING GROUP: III LABEL REQUIRED: FLAMMABLE LIQUID (3) DOMESTIC AIR SHIPMENTS (PENS):
PROPER SHIPPING NAME: CONSUMER COM40DITY
HAZARD CLASS/SUBSIDIARY HAZARD: 9
UN/NA NO.: I.D. 8000
PACKING GROUP: NONE
LABEL REQUIRED: CLASS 9 — SECTION 15 REGULATORY INFORMATION -

(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED)

HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD(29 CFR 1910.1200).

SECTION 313:
THIS PRODUCT CONTAINS XYLENE (1330-20-7) AND ETHYL BENZENE (100-41-4)
WHICH ARE LISTED AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEC. 313
IF USED CYER THE THRESHOLD REPORTING QUANTITY. THIS INFORMATION MUST BE
INCLUDED IN ALL MSDSS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

U.S. FEDERAL REGULATIONS:

CARCINOGENICITY: NTP?: NO IARC MONOGRAPHS?: 2B 'OSHA REGULATED?: NO INTERNATIONAL REGULATIONS: CANADIAN WHMIS: NOT WHMIS CONTROLLED (PENS-BULK: CLASS B2, D2A

STATE REGULATIONS .

CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STRIPE OF CALIFORNIA TO CLUBE CANCER. BENZENE, ETHYL BENZENE.

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. TOLUENE, BENEZIE.

- SECTION 16 OTHER INFORMATION ---

MSDS STATUS: REVISED SECTION(S): SECTION 15 HAS BEEN UPDATED

WERNING!
THE USE OF THIS PRODUCT IS BETON: THE CONTROL OF THE MANUFACTURE AND DISTRIBUTOR; THEREFORE, NO GUARANTES; SEPRESCHED OR IMPLED; OF MACE AS TO THE REFECTS OF SUCH OR THE RESULTS TO THE OFFICENCE USE RELIED AS MACE AS TO WITH DIRECTIONS OR ESTABLISHED SAFE PROTUCE. THE USER MUST ASSUME ALL SUCH, OR IN COMBINATION WITH OTHER MATCHAGES, HASTISTING FROM STO MACHE AS SUCH, OR IN COMBINATION WITH OTHER MATCHAGES, THE MANUFACTURE FAND DISTRIBUTOR WARRANT ONLY THAT THIS PRODUCT MEETS THE SPECIFICATIONS FOR SUCH PRODUCT.

THIS WARRANTY IS IN LIEU CF ALL OTHER WARRANTIES, EXTRESS OR INPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTARILLTY, PITNESS FOR ANY PARTICULAR FUNCES, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE PARTICULAR FUNCES FOR THE PRODUCT. THE SOLE AND EXCLUSIVE FREST VARIABLES FOR THE MANUFACTURE AND DISTRIBUTION FOR BEACH OF WARRANTY SHALL BE HELFEUREMENT OF THE CALABLE PRICE OF THE PRODUCT IN THE EVENT THAT A DEFICIAL CONDITION OF THE FRONT SHALL BE FOUND TO EXIST. NO OTHER HAMEN INCLUDENCE OF THE PRODUCT IN THE EVENT (INCLUDING BUT BUT INSTEAD OF THE PRODUCT OF THE PRODUCT IN THE EVENT (INCLUDING BUT BUT INSTEAD OF THE PRODUCT OF THE PROBLEM OF THE PRODUCT OF THE PROBLEM OF THE PRO

MSDS: D0693

# ITEM: 2GKV1 - Paint Marker Brite Mark(R) Red LP NUMBER: U859724308

ORDER: 0138992450

**MATERIAL SAFETY DATA SHEET (MSDS)** 

Associated Grainger Items 2GKU9, 2GKT8, 2GKV1, 2GKT3

ITW DYKEM(R\*)

MATERIAL SAFETY DATA SHEET

HMIS (R\*): FLAMMABILITY REACTIVITY (PERSONAL PROTECTION B

- SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -

IDENTITY: DYKEM/BRITE-MARK ALL COLORS

ITEM NO.: BLACK(40003, 41003, 84002), BLUE(40001, 41001,84001), BROWN(40007, 84010), GOLD(40014, 41014, 84051), GREEN(40004, 41004, 77007, 84007,), LIGHT BLUE(84008), ORANGE(40010, 41010, 84005,), PINK(40009, 84009), RED(40002, 41002, 84006), SILVER(40016, 41016, 84050), VIOLET(40045, 41045, 84019), WHITE(40008, 41008,84003), YELLOW(40006, 41006, 84004).

OTHER NAMES: 916, PM40, AND FINE LINE.

FORMULA:
A720M(BLACK), A788M(BLUE), A786M(BROWN), A946M(GOLD), A789M(GREEN),
A783M(LIGHT BLUE), A790M(ORANGE), A787M(PINK), A791M(RED), A245M(SILVER),
A785M(VIOLET), A718M(WHITE), A719M(YELLOW).

ANOTHER EXCLUSIVE PRODUCT OF: ITW DYKEM

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE): 805 EAST OLD 56 HICHWAY OLATHE, KS 66061-4914

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053 (DCMESTIC) 1-352-323-3500 (INTERNATIONAL)

TELEPHONE NUMBER FOR INFORMATION: 1-800-443-9536 CR 1-913-397-9889

- SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS -

DATE PREPARED: 9/21/12

PRODUCT CLASS: SOLVENT BASED MARKER.

SIGNATURE OF PREPARER (OPTIONAL): REGULATORY DEPT.

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))		%(OPT.	)
BUTYL ACETATE	123-86-4	1 35 - 80	)
1-METHOXY-2-PROPANOL ACETA	TE 108-65-6	5 1 - 3	)
AROMATIC NAPIHA, LIGHT			
MAY CONTAINS ONE OR MORE O	F THE FOLLOWING		
ALUMINUM FLAKE	7429-90-5	5 10 - 20	)
COPPER	7440-50-8	3 10 - 20	)
TITANIUM DIOXIDE	13463-67-7	7 1 - 40	)
DIARYLIDE YELLOW	5468-75-7	1 - 20	)
PHTHALOCYANINE BLUE	MIXTURE	1 - 20	
COPPER COMPOUNDS	147-14-8	1 - 10	ı
COPPER COMPOUNDS ISOPROPYL ALCOHOL	67-63-0	1 - 10	ÿ.
CARBON BLACK	1333-86-4	1 - 10	0
C.I. PIGMENT VIOLET 1	1326-03-0	1 - 10	
GREEN PIGMENT	1328-53-6	1 - 10	
RED PIGMENT	5280-6€-0	1 - 10	
MANGANESE COMPOUNDS	7439-96-5	1 - 10	
DISAZO ORANGE	15793-73-4	1 - 10	
HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	OSHA PEL	ACGIH-TLV	OTHER LIMITS RECOMMENDED
BUTYL ACETATE	TWA: 150 PPM	TWA: 150 PPM	ATAC CII
1-METHOXY-2-PROPANOL ACETATE	NO DATA	NO DATA	NO DATA
AROMATIC NAPIHA, LIGHT	TWA: 100 PPM	NO DATA	NO DATA
MAY CONTAINS ONE OR MORE OF	THE FOLLOWING.		
ALUMINUM FLAKE	TWA: 15 MG/MB	TWA: 10 MG/M3	NUISANCE DUST*
COPPER	TWA: 1 MG/M3	TWA: 1 MG/MB	NUISANCE DUST*

DIABULIDE VELLOW	NO DIE		
DIARYLIDE YELLOW	NO LETTA	NO DATA	NUMBEROUS PRESCO
PHTHALOCYANINE BLUE	NO DATA	LMC CM	A NULTANCE DUST
COPPER COMPOUNDS	IWA: 0.1 MG/M3	TWA: 0.2 NG/NG	NUISANCE DUCE
ISOPROPYL ALCOHOL	TWA: 400	F114 TWA: 400	PPM NO DATA
CARBON BLACK	TWA: 3.5 P	10/M3 TWA: 3.5	4G/ME NUISANCE DUST*
C.I. PIGMENT VIOLET 1	NO DATA	NO DATA	*TOUGH FORESTUR
GREEN PIGMENT	ATACI CM	TAC ON	A RUISANE DUN
RED PIGMENT	NO DA	TA NO L	MESANCE DI
MANGANESE COMPOUNDS	'IWA: 5 M3/	M3 TWA: 0.2	13/ME NUISANCE DUST*
DISAZO ORANGE	NO DATA	NO DAIA	MUNICE LUCC*
*NUISANCE DUST AS FREE	DUST ONLY, NO	T AS ECUMO IN	PAINT OF THE

- SECTION 3 HAZARDS IDENTIFICATION ----

EMERGENCY OVERVIEW:

WARNING!

FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT, SPANKS AND FLAMES. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT TRAINATION. IF SWALLASHED DO NOT INDUCE WOMITING. GET IMMEDIATE MEDICAL APPENDICM.

POTENTIAL HEALTH EFFECIS:

EYES: LIQUID IS MODERATELY IRRIGATING TO THE EMES.

SKIN: LIQUID IS MILDLY IRRITATING TO THE SKIN.

INGESTION: INGESTION OF LIQUID MAY CAUSE VOMITING.

HIGH CONCENTRATION OF VAPORS MAY FRODUCE TERMINATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUGEA.

CHRONIC HEALTH EFFECTS:
PROLONGED OR REPEATED CONTACT MAY CAUSE SEDE SENSITE AT CALOR DESIGN. TO BE REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED COURT TO BUILD CHERKER USES TO SOLVENTS WITH IRREVERSIBLE BRAIN AND NEGLUC SYSTEM DAVIGE. INTERIORAL MUSUSE BY DELIBERATELY CONCENTRATING ON INHALING THIS PROLOC. MAY SE FAMEUL OR FATAL. IARC (INTERNATIONAL AGENCY FOR RECEARCH OF CARCER HAS CLASSIFED CARBON BLACK AND TITANIUM DIOXIDE AS A RESIDED HUMAN CARCING BN (2B).

- SECTION 4 FIRST AID MEASURES -

EYES:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST IS MINUTES.
GET MEDICAL ATTENTION IMMEDIACELY.

INHALATION:
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE AKCIPTICIAL RESERVATION. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. GHT METHON MITTHING INTENDIATILY.

SKIN: FLOSH SKIN WITH PLENTY OF WATER. HENOVE COMPANIENCED CORTHING AND SHORT.

INGESTION

IF LARGE QUANTITIES OF THIS MATERIAL AND SVALAGED, GET LYMEDIAGE MELICAL ATTENTION. DO NOT INDUCE VOMITIMO. NEVER GIVE ANYTHING BY MOUTE TO AN UNCONSCIOUS PERSON.

- SECTION 5 FIRE FIGHTING MEASURES -

FLASH POINT (METHOD USED): 81 DEG. F (TCC)

FLAMMABLE LIMITS:

LEL: 1.7 UEL: 7.6

EXTINGUISHING MEDIA: USE WATER FOG, FOAM, DRY CHEMICAL OR COI. USE WATER SPHAY TO COOK FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

SPECIAL FIRE FIGHTING PROCEDURES:
KEEP CONTAINES COOL AND VIJOES DIGNING HAVETER SPRAY, PREVIOUS SPICE FROM
ENTERING DRAINS, SEWERS, STREAMS OF COHER RODIES OF WASE, IF ALM OFF
OCCURS, NOTIFY PROPER AUTHORITIES, TO NOT ENTER CONFINES FIRE SPRAY HITCHITES.
FULL BUNKER GRAY (HEIMET WITH FACE CHIELD, FIDELE CONTS, GLOVER AND FULLET
BOODES), INCLUDING A POSITIVE PRESSURE NICHH APPROVED SELP-CONTAINED
BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSICE HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR BE MOVED BY VENULLATION AND BE IGNITED BY IGNITION SCOROTS.

- SECTION 6 ACCIDENTAL RELEASE MEASURES ----

SMALL SPILL: ABSORB LIQUID WITH NON-COMPUSTIPLE FLOOR ABSORDERS AND PLACE IN MON-LEARING CONTAINER; SEAL PROPERLY AND DISPOSE OF PROPERLY IN COMPLIANCE WITH FEBRERI, STATE, AND LOCAL REGULATIONS.

LARGE SPILL

SPILL AT SOURCE IF SAFE TO DO SO. HAND, ING EQUIPMENT MUST BE CAUGIST TO PREVENT SPARKING. PREVENT SPILL FOW EMPERING BRANCH, SIMERS, STEEPING CR.

OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES. PUMP OR VACUUM TRANSFER SPILLED PRODUCT TO CLEAN CONTAINERS FOR RECOVERY. ABSORB UNRECOVERABLE PRODUCT. TRANSFER CONTAINMENTED ABSORBENT, SOIL AND OTHER MATERIALS TO CONTAINERS FOR DISPOSAL. DISPOSE OF PROPERLY IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

#### - SECTION 7 HANDLING AND STORAGE -

HANDLING:
EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS.
DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH
CONTAINERS TO HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, CR CHIER SOURCES OF
IGNITION. MANY HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE CUEEPITBLE TO
SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT
TEMPERATURES BELOW THOSE PUBLISHED IN THE LITERATURE AS "AUTOIGNITION" OR
IGNITION TEMPERATURES. IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR
VOLUME AND VAPOR VOLUME AND VAPOR/AIR CONTACT TIME, AND ARE INFLUENCED BY
PRESSURE CHANGES. IGNITION OF ORGANIC CHEMICAL VAPORS MAY OCCUR AT TYPICAL
ELEVATED-TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESSES OPERATING
UNDER VACUUM ITS SUBJECTED TO SUDDEN INGRESS OF AIR, OR OUTSIDE PROCESS
BOULPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS OR
MISTS TO THE ATMOSPHERE OCCURS. ANY PROPOSED USE OF THIS PRODUCT IN
ELEVATED-TEMPERATURE PROCESSES SHOULD BE THOROUSHLY EVALUATED TO ASSURE THAT
SAFE OPERATING CONDITIONS ARE ESTABLISHED AND MAINTAINED.

STORAGE:

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. STORE IN COOL, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. INFORMATION ON THIS MATERIAL SAFETY DATA SHEETS REFERS TO INK USED IN PENS AND MARKERS, HOWEVER, IT APPLIES TO THESE INKS IN BULK. THE INKS ARE CONTAINED IN CAPILLARY OR VALVE RESERVOIRS AND WILL NOT SPILL OR LEAK UNDER NORMAL CONDITIONS.

# - SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION -

RESPIRATORY PROTECTION (SPECIFY TYPE):
NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA
APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEEDED.

ENGINEERING CONTROLS: LOCAL EXHAUST: NOT USUALLY NEEDED MECHANICAL (GENERAL): YES SPECIAL: NONE OTHER: NONE

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES IF SKIN CONTACT IS POSSIBLE (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION:
NOT NORMALLY REQUIRED IF USED AS INTENDED.
WEAR CHEMICAL SPLASH GOOGLES IN COMPLIANCE WITH CSHA REGULATION IF SPLASHING IS POSSIBLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT USUALLY NECESSARY. FOR BULK MATERIAL, IF DIRECT CONTACT IS POSSIBLE, WEAR APRON, BOOTS, FACE SHIELD, ETC. AS NEEDED.

WORK/HYGIENIC PRACTICES: FOLLOW LABEL INSTRUCTIONS. WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC.

# - SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES -

BOILING POINT: 252 DEG. F

SPECIFIC GRAVITY (H2O = 1) 070 F: >1

VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA

MELTING POINT: NO DATA

VAPOR DENSITY (AIR = 1): GREATER THAN ONE (1)

EVAPORATION RATE (BUTYL ACETATE = 1): LESS THAN ONE (1)

SOLUBILITY IN WATER: SLIGHT

APPEARANCE AND ODOR: OPAQUE THIN VISCOSITY LIQUID WITH SWEET ODOR.

VOCS:

FORMULA#/COLOR	GRAMS PER LITER	% BY WEIGHT
A720M BLACK	672	66.61
A786M BROWN	712	67.78
A789M GREEN	725	69.77
A787M PINK	637	48.62
A945M SILVER	714	71.68
A718M WHITE	627	47.85
A788M BLUE	694	68.83
A946M GOLD	689	59.75
A783M LIGHT BLUE	588	5034
A790M ORANGE	647	65.48
A791M RED	671	66.17
A785M VIOLET	771	76.57
A719M YELLOW	716	68.20

- SECTION 10 STABILITY AND REACTIVITY -

CHEMICAL STABILITY: UNSTABLE ( )

STABLE (X)

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY (MATERIALS TO AVAILD): STRONG CXIDIZING AND REDUCING ACENTS, STRONG ALMALIES AND STRONG ACIES.

HAZARDOUS DECOMPOSITION OR BYPRCEUCTS: CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, SXXT AND VARIOUS ORGANIC OXCLATION BY-PRODUCTS.

HAZARDOUS POLYMERIZATION: MAY OCCUR (WILL NOT OCCUR (X)

CONDITIONS TO AVOID: NO DATA

#### - SECTION 11 TOXICOLOGICAL INFORMATION ----

CRAL LDSO DERMAN LDSO INSTALATION LCSO (RAT)

NO DECA

BUTYL ACETATE NO DATA NO DATA 1-METHOXY-2-PROPANOL ACETATE > 1000 HG/KG NO E/IA

PLEASE REFER TO SECTION 3 FOR AVAILABLE INFORMATION ON POTENTIAL REALIE EFFECTS.

- SECTION 12 ECOLOGICAL INFORMATION ----

NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. THASE REFER TO SECTION 6 FOR INFORMATION REGARDING ACCIDENTAL RELEASES AND RECORD TO BE FOR

- SECTION 13 DISPOSAL CONSIDERATIONS ----

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FELDRAL REGULATIONS.

- SECTION 14 TRANSPORT INFORMATION -----

(NOT MEANT TO BE ALL INCLUSIVE)

DOMESTIC HIGHWAY (CONTAINERS <1 QUERT ARE CRUED):
PROPER SHIPPING NAME: PAINT
HAZARD CLASS/SUBSIDIARY HAZARD: 3
UN/NA NO.: UN1263
PACKING GROUP: III
LABEL REQUIRED: FLAMMABLE LIQUID (3)

DOMESTIC AIR SHIPMENTS (PENS):
PROPER SHIPPING NAME: VARIES
HAZARD CLASS/SUBSIDIARY HAZARD: VARIES
UN/NA NO: VARIES
PACKING GROUP: VARIES
LABEL REQUIRED: VARIES

- SECTION 15 REGULATORY INFORMATION -

(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS RESPERSENTED

U.S. FEDERAL REGULATIONS:

CARCINOGENICITY: NTP?: NO IARC MONOGRAPHS?: OSHA REGULATED?: NO

HAZARDOUS BY DEFINITION OF HAZARD CLAMINICATION STANIARD (29 CFR 1910.1200).

SECTION 313:
THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS CHAI ARE LISTED AND MARROURE REPORTING UNDER SARA TITLE THE SEC. 213 IF USED GAR THIS THRESH REPORTING QUANTITY. THIS INFORMATION MET HE INCLUDED IN ALL MIDES THAT COPIED AND DISTRIBUTED FOR THIS MARROLL.

INTERNATIONAL REGULATIONS: CANADIAN WHMIS: B2, D2B, D2A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS TRACE QUANTITIES OF LEAD, NICKLI, AREENIC CAMPILM AND TOLUENE, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA PO CAME CAMPIER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HAFM.

- SECTION 16 OTHER INFORMATION ----

MSDS STATUS: REVISED SECTION(S):

WARNING!

THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURE AND DISTRIBUTOR; THEREFORE, NO GUARANTEE, EXPPENDED OR IMPLIED, IS MADE AND THE EFFECTS OF SUCH OR THE FESULATION OR IMPLIED. IN MOGRAMMY WITH DIRECTIONS OR ESTABLISHED SAFE FRACTICE. THE USER MUST AS IMPLIED WITH DIRECTIONS OR ESTABLISHED SAFE FRACTICE. THE USER MUST AS IMPLIED, SUCH, OR IN COMBINATION WITH OTHER MACERIALS. THE MANUFACTURE AND DISTRIBUTOR WARRANT ONLY THAT THIS PROMOTE MESSAGE SECRETARIOS FOR SUCH, OR IN COMBINATION WITH OTHER MACERIALS. THE MANUFACTURE AND DISTRIBUTOR WARRANTY IS IN LIEU OF ALL OTHER WARRANTY WAS ANY PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTY SELVE ES OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTHILLT, FITTERS OF ANY THE MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO WAY ESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT INFORMER USE OF THIS PRODUCT. THE MANUFACTURER AND DISTRIBUTOR FOR ENDING OF WARRANTY HALL BE RELIGIOUS FOR FROM THE PRODUCT OF WARRANTY HALL BE RELIGIOUS FOR FROM THE PRODUCT OF THE P FINKE BE AVAILABLE.

FORMULA: BRITE-MARK ALL COLORS

ıтем: 2GKU9 - Paint Marker Brite Mark(R) Blue MSDS: D0693 LP NUMBER: U859724308

ORDER: 0138992450

MATERIAL SAFETY DATA SHEET (MSDS)

Associated Grainger Items 2GKU9, 2GKT8, 2GKV1, 2GKT3

ITW DYKEM(R\*)

MATERIAL SAFETY DATA SHEET

HMIS (R\*): HEALTH FLAMMABILITY REACTIVITY PERSONAL PROTECTION B

- SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -

IDENTITY: DYKEM/BRITE-MARK ALL COLORS

ITEM NO.

ITEM NO.:
BLACK(40003, 41003, 84002), BLUE(40001, 41001,84001), BROWN(40007, 84010),
GOLD(40014, 41014, 84051), GREEN(40004, 41004, 77007, 84007), LIGHT
BLUE(84008), ORANGE(40010, 41010, 84005,), PINK(40009, 84009), RED(40002,
41002, 84006), SILVER(40016, 41016, 84050), VIOLET(40045, 41045, 84019),
WHITE(40008, 41008,84003), YELLOW(40006, 41006, 84004).

OTHER NAMES: 916, PM40, AND FINE LINE.

FORMULA:
A720M(BLACK), A788M(BLUE), A786M(BROWN), A946M(GOLD), A789M(GREEN),
A783M(LIGHT BLUE), A790M(ORANGE), A787M(PINK), A791M(RED), A945M(SILVER),
A785M(VIOLET), A718M(WHITE), A719M(YELLOW).

ANOTHER EXCLUSIVE PRODUCT OF: ITW DYKEM

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE): 805 EAST OLD 56 HIGHWAY OLATHE, KS 66061-4914

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053 (DOMESTIC) 1-352-323-3500 (INTERNATIONAL)

TELEPHONE NUMBER FOR INFORMATION: 1-800-443-9536 OR 1-913-397-9889

- SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS -

DATE PREPARED: 9/21/12

PRODUCT CLASS: SOLVENT BASED MARKER.

SIGNATURE OF PREPARER (OPTIONAL): REGULATORY DEPT.

			20
HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COM ON NAME(S))		%(OPT.)	
BUTYL ACETATE	123-86-4	35 - 80	
1-METHOXY-2-PROPANOL ACETA	TE 108-65-6	1 - 30	
AROMATIC NAPTHA, LIGHT	64742-95-6	1 - 10	
MAY CONTAINS ONE OR MORE OF	F THE FOLLOWING		
ALUMINUM FLAKE	7429-90-5	10 - 20	
COPPER	7440-50-8	10 - 20	
TITANIUM DIOXIDE	13463-67-7	1 - 40	
DIARYLIDE YELLOW	5468-75-7	1 - 20	
PHTHALOCYANINE BLUE	MIXTURE	1 - 20	
COPPER COMPOUNDS	147-14-8	1 - 10	
ISOPROPYL ALCOHOL	67-63-0	1 - 10	
CARBON BLACK	1333-86-4	1 - 10	
C.I. PIGMENT VIOLET 1	1326-03-0	1 - 10	
GREEN PIGMENT	1328-53-6	1 - 10	
RED PIGMENT	5280-66-0	1 - 10	
MANGANESE COMPOUNDS	7439-96-5	1 - 10	
DISAZO ORANGE		1 - 10	
HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CSHA PEL A	ACGIH-TLV	OTHER LIMITS RECOMMENDED
BUTYL ACETATE	TWA: 150 PPM	TWA: 150 PPM	NO DATA
1-METHOXY-2-PROPANOL ACETATE	NO DATA	ATAG OM	NO DATA
AROMATIC NAPTHA, LIGHT	TWA: 100 PPM	NO DATA	NO DATA
MAY CONTAINS ONE OR MORE OF	THE FOLLOWING		
ALUMINUM FLAKE	TWA: 15 MG/M3 T	WA: 10 MG/M3	NUISANCE DUST*
	TWA: 1 MG/MB T	WA: 1 MG/M3	NUISANCE DUST*

##	TITANIUM DIOXIDE	TWA: 10 MG/M3	TWA: 10 MG/43	######################################
	DIARYLIDE YELLOW N	O DATA	NO DATA	NUMBER OF THE STATE OF THE STAT
	PHTHALOCYANINE BLUE	ATAU CM	FITAGE ON	NUISZANZE DOJI*
	COPPER COMPOUNDS TW	A: 0.1 MG/M3 T	WA: 0.2 NG/NO N	UISMNCE DUETT
	ISOPROPYL ALCOHOL	'IWA: 400 PP	4 TWA: 400 Pl	M MO DATA
	CARBON BLACK	TWA: 3.5 Mg/	MB TWA: 3.5 MG/	*IE NUTSANCE DUST*
	C.I. PIGMENT VIOLET 1	NO DATA	NO DATE.	NUIGANCE DUET*
	GREEN PICMENT			
	RED PIGMENT	NO DATA	VINI CM	MUDANCE DUST*
	MANGANESE COMPOUNDS	TWA: 5 MG/M3	TWA: 0.2 MG/	* EURANCE DUBL*
	DISAZO ORANGE N	O DATA	NO TATA	NETSANCE LOST*
	*NUISANCE DUST AS FREE I	DUST ONLY, NOT	AS ECUND IN PAI	NT OR INK.

- SECTION 3 HAZARDS IDENTIFICATION --

EMERGENCY OVERVIEW:

WARNING!

FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT, SPANKS AND PLAMED. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. IF SWALLFARED DO NOT INDUCE WOMITING. GET IMMEDIATE MEDICAL ATTENTION.

POTENTIAL HEALTH EFFECTS:

EYES: LIQUID IS MODERATELY IRRITATING TO THE MYSS.

SKIN: LIQUID IS MILDLY IRRITATING TO THE SKIN.

INGESTION: INGESTION OF LIQUID MAY CAUSE LOWING

HIGH CONCENTRATION OF WAPORS MAY ENCOURE IRRESPONDED OF THE RESERVANCEY TRACT, HEADACHE, DIZZINESS, AND PAUSDA.

CHRONIC HEALTH EFFECTS:
PROLONGED OR REPEATED CONTACT MAY CAUSE SKIR SUBSTITUATION OR DEFMA TID.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED COURTINAL CARREST CORE
TO SOLVENIS WITH IRREVERSING BERAIN AND NEETUES SYSTEM DARGES. INTELLIGIBLE TO ADMINISTED BY DELIBERATELY CONCENTRATING OR INHALING THIS PROLOCE WAY BE FAREFUE,
OR FATAL, IARC (INTERNATIONAL AGENCY FOR RECEARCE OF CANCER HAS "LASSIFILE
CARBON BLACK AND TITANIUM DICKIDE AS A MOSSIBLE FURAN CARCINGEN (20).

- SECTION 4 FIRST AID MEASURES ---

EYES .

IMMEDIATELY FLUCH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION:

INHADATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE AND PETCHAL RESERVATION, F EREATHING IS DIFFICULT, GIVE OXAGEN. OUT DELICAL ATTEMPT ON THE EDITION.

FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMERACIED CLEATHING AND SHOES.

INCESTION

IF LARGE QUANTITIES OF THIS MATERIAL AND SWOLLOWED, THE LIMITAGE ATTENTION. DO NOT INDUCE VOMITING, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

- SECTION 5 FIRE FIGHTING MEASURES -

FLASH POINT (METHOD USED): 81 DEG. F (TCC)

FLAMMABLE LIMITS: LEL: 1.7 UEL: 7.6

EXTINGUISHING MEDIA:
USE WATER FOG, FOAM, DRY CHEMICAL OR COO. USE WATER SPHAY TO CHOOL-FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

SPECIAL FIRE FIGHTING PROCEDURES:
KEEP CONTAINERS COOL AND VAROES DOWN WITH VECTER SPRAY, PROJECT SPILE FROM
ENTERING DRAINS, SEWERS, STREAMS OR CITEE DODIES OF VALUE. IF KON OPE
COCURS, NOTIFY PROPER AUTHORITIES, DO NOT BY ME CONTINES FIRE FIRE FROM STRUCTURES, TO NOT BY ME CONTINES FIRE FROM STRUCTURES
FULL BUNKER GEAR (HEIMET WITH FACE SHIELD, BLONGE COSTS, GLOZO AND FURBER
EDOTS), INCLUDING A POSITIVE PRESSURE NICES APPROVED SELF-CONTINUED
BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR HE MOVED BY VENTILIATION AND BE IGNITED BY IGNITION SOURCES.

- SECTION 6 ACCIDENTAL RELEASE MEASURES ----

SMALL SPILL SMALL SPILL: ABSORB LIQUID WITH NON-COMMISTIBLE FLOOR ARSORDENT AND PLACE IN MON-LEAKING CONTAINER; SEAL PROPERLY AND DISPOSE OF PROPERLY IN CONTLIANCE WITH FEDERAL. STATE, AND LOCAL REGULATIONS.

LARGE SPILL

SPILL AT SOURCE IF SAFE TO DO SO, HANDLING ECT PINT MOIT BE SECURDED TO PREVENT SPARKING, PREVENT COLL FOR EMERING DEADNS, SENERS, CIFERRO CR

OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES. PUMP OR VACUUM TRANSFER SPILLED PRODUCT TO CLEAN CONTAINERS FOR RECOVERY. ABSORB UNRECOVERABLE PRODUCT. TRANSFER CONTAMINATED ABSORBENT, SOIL AND OTHER WATERIALS TO CONTAINERS FOR DISPOSAL DISPOSE OF PROPERLY IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

#### - SECTION 7 HANDLING AND STORAGE -

HANDI TNG.

HANDLING:
EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DAMEROUS.
DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH
CONTAINERS TO HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, OR OTHER SOURCES OF
IGNITION. MANY HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO
SUDDEN SPONTANBOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT
TEMPERATURES BELOW THOSE PUBLISHED IN THE LITERATURE AS "AUTOIGNITION" OR
IGNITION TEMPERATURES. IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR
VOLUME AND VAPOR VOLUME AND VAPOR/AIR CONTACT THE, AND ARE INFLUENCED BY
PRESSURE CHANGES. IGNITION OF ORGANIC CHEMICAL VAPORS MAY OCCUR AT TYPICAL
ELEVATED-TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESSES OPERATING
UNDER VACUUM IF SUBJECTED TO SUDDEN INGRESS OF AIR, OR OUTCIDE PROCESS
OUTFIELD OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS OR
MISTS TO THE ATMOSPHERE OCCURS. ANY PROPOSED USE OF THIS PRODUCT IN
ELEVATED-TEMPERATURE PROCESSES SHOULD BE THOROUGHLY EVALUATED TO ASSURE THAT
SAFE OPERATING CONDITIONS ARE ESTABLISHED AND MAINTAINED.

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. STORE IN COOL, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. INFORMATION ON THIS MATERIAL SAFETY DATA SHEETS REFERS TO INK USED IN PENS AND MARKERS, HOWEVER, IT APPLIES TO THESE INKS IN BULK. THE INKS ARE CONTAINED IN CAPILLARY OR VALVE RESERVOIRS AND WILL NOT SPILL OR LEAK UNDER NORMAL CONDITIONS.

#### - SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION -

RESPIRATORY PROTECTION (SPECIFY TYPE):
NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA
APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEEDED.

ENGINEERING CONTROLS: LOCAL EXHAUST: NOT USUALLY NEEDED MECHANICAL (GENERAL): YES SPECTAL: NONE OTHER: NONE

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES IF SKIN CONTACT IS POSSIBLE (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER) .

EYE PROTECTION:
NOT NORMALLY REQUIRED IF USED AS INTENDED.
WEAR CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATION IF SPLASHING

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT USUALLY NECESSARY. FOR BULK MATERIAL, IF DIRECT CONTACT IS POSSIBLE, WEAR APRON, BOOTS, FACE SHIELD, ETC. AS NEEDED.

WORK/HYGIENIC PRACTICES

FOLLOW LABEL INSTRUCTIONS. WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC.

### --- SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES -

BOILING POINT: 252 DEG. F

SPECIFIC GRAVITY (H2O = 1) #70 F: >1

VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA

MELTING POINT: NO DATA

VAPOR DENSITY (AIR = 1): GREATER THAN ONE (1)

EVAPORATION RATE (EUTYL ACETATE = 1): LESS THAN ONE (1)

SOLUBILITY IN WATER: SLIGHT

PH: NO DATA

APPEARANCE AND ODOR: OPAQUE THIN VISCOSITY LIQUID WITH SWEET ODOR.

VOCS:

GRAMS PER LITER	% BY WEIGHT
672	66.61
712	67.78
725	69.77
637	48.62
714	71.68
627	47.85
694	68.83
689	59.75
588	5034
647	65.48
671	66.17
771	76.57
716	68.20
	672 712 725 637 714 627 694 689 588 647 671

- SECTION 10 STABILITY AND REACTIVITY -

CHEMICAL STABILITY: UNSTABLE ( )

STABLE (X)

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND REDUCING ACENTS, STRONG ALKALIES AND STRONG ACES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTO: CARBON DIOXIDE, CARBON MONOXIDE, SHOWE, SOOT AND VARIOUS OFGINED ON LATERAL BY-PRODUCTS.

HAZARDOUS POLYMERIZATION: MAY OCCUR (
WILL NOT OCCUR (X)

CONDITIONS TO AVOID: NO DATA

#### - SECTION 11 TOXICOLOGICAL INFORMATION -

D DERMAL LDSC INC (SAT) (RABBIT) ORAL LD50 INSPIRATION LOSO

BUTYL ACETATE NO DATA NO DATA NO DATA

1-METHOXY-2-PROPANOL ACETATE >1000 HG/KG NO DATA NO DATA PLEASE REFER TO SECTION 3 FOR AVAILABLE INFORMATION ON POSENCIAL HEALTH

- SECTION 12 ECOLOGICAL INFORMATION ----

NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEMS: REFER TO SECTION 6 FOR INFORMATION REGARDING ACTIONINAL RELEATED AND RECTION 15 FOR REGULATORY REPORTING INFORMATION.

- SECTION 13 DISPOSAL CONSIDERATIONS ----

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND SELEMAL REGULATIONS.

- SECTION 14 TRANSPORT INFORMATION -----

(NOT MEANT TO BE ALL INCLUSIVE)

DOMESTIC HIGHWAY (CONTAINERS <1 QUART ARE CRM-I) : PROPER SHIPPING NAME: PAINT HAZARD CLASS/SUBSIDIARY HAZARD: UN/NA NO: UN1263
PACKING GROUP: III
LABEL REQUIRED: FLAMMABLE LIQUID (3)

DOMESTIC AIR SHIPMENTS (PENS):
PROPER SHIPPING NAME: VARIES
HAZARD CLASS/SUBSIDIARY HAZARD: VARIES
UN/NA NO.: VARIES
PACKING GROUP: VARIES
LABEL REQUIRED: VARIES

### - SECTION 15 REGULATORY INFORMATION -

(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED)

U.S. FEDERAL REGULATIONS:

CARCINOGENICITY: NTP?: NO IARC MONOGRAPHS?: OSHA REGULATED?: NO

HAZARDOUS BY DEFINITION OF HAZARD CHONNICHTRON STANDARD (29 CFR 1910.1200).

SECTION 313: THIS PRODUCT DOES NOT CONTAIN TOTIC CHEMICALS THAT ARE LISTED AND PAY REQUIRE REPORTING UNDER SAIN TITLE ITI ENC. 313 IF USED OVER THE THUSIAND REPORTING CUANTITY THIS INCOMPCION MAST BE INCLUDED IT ALL MODES THAT ARE COPIED AND DISTRIBUTED FOR THIS PAISPIAN.

INTERNATIONAL REGULATIONS: CANADIAN WHMIS: B2, D2B, D2A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

WARNING:
THIS PRODUCT CONTAINS TRACE QUANTITIES OF LEAD, NICKEL, ARSENIC, CATTLEM
AND TOLUENE, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CARCER AND
BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

- SECTION 16 OTHER INFORMATION ----

MSDS STATUS: REVISED SECTION(S):

WARNING!

WARRING:

THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURE AND DISTRIBUTOR; THEREFORE, NO GUARANTEE, HUPRISSED OR TUPLED, TO MEER AS TO THE EFFECTS OF SUCH OR THE RESIDENT TO HE OBTAINED IF NO. SET IN ACCEPTANTE WITH DIRECTIONS OR ESTABLISED SAFE FRACTICE. THE USER MUST ASSUME ALL RESPONSIBILITY, INCLUDING INJURY OR INNERS, RESIDENTIAL THE MANUFACTURES AND SUCH, OR IN COMBINATION WITH OTHER MATERIAS. THE MANUFACTURES AND SUCH, OR IN COMBINATION WITH OTHER PRODUCT MEER SECRETICAL CONSIDERATION WITH OTHER PRODUCT MEER SECRETICAL CONSIDERATION OF THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTHES, EXPLICIC AND PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTHES, EXPLICIC OF INPELIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, PUTHESS FOR MAY PRATICULAR PURPOSE, PRODUCTIVENES, CR. MAY OTHER MATTER OF THIS ENGLICE. THE MANUFACTURER AND DISTRIBUTER SHALL BE IN NO MAY RESERVED BY BERLIED THE PRODUCT. THE SOLE AND ECCUSIONE RESERVED BY BERLIED INFORMERS AND DISTRIBUTER FOR EREACH OF WHILM MAY SHALL BE READ ALLOWS THE PRODUCT OF THE PRODUCT O

BE AVAILABLE.

FORMULA: BRITE-MARK ALL COLORS

MSDS: B9331

# ITEM: 2GKV5 - Paint Marker Brite Mark(R) White ORDER: 0138992450 LP NUMBER: U859724308

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated. ####################################
--

Associated Grainger Items 2GKT5, 2GKV5

MATERIAL SAFETY DATA SHEET

HEALTH FLAMMABILITY REACTIVITY
PERSONAL PROTECTION B

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -

IDENTITY: BRITE-MARK WHITE

ITEM NO.: 40008, 41008, 84003

OTHER NAMES: 916, PM40, AND FINE LINE

FORMULA: A718M

NOIE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

ANOTHER EXCLUSIVE PRODUCT OF: ITW DYKEM

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE): 805 EAST OLD 56 HIGHWAY OLATHE, KS 66061-4914

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053 (DOMESTIC) 1-352-323-3500 (INTERNATIONAL)

TELEPHONE NUMBER FOR INFORMATION: 1-800-443-9536 OR 1-913-397-9889

PRODUCT CLASS: SOLVENT BASED MARKER.

DATE PREPARED: 5/05/10

SIGNATURE OF PREPARER (OPTIONAL): REGULATORY DEPT.

SECTION 2 CO	OMPOSITION/IN	FORMATION ON INGREDI	ENTS
HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.		HER LIMITS % (OPT.) RECOMMENDED
BUTYL ACETATE	123-86-4	TWA: TWA: NO 150 PPM 150 PPM	DATA 35 - 45
TITANIUM DIOXIDE	13463-67-7	TWA: TWA: NU 10 MG/M3 10 MG/M3	ISANCE 30 - 40 DUST*
1-METHOXY-2-PROPANOL ACETATE	108-65-6	NO DATA NO NO DATA	DATA 1 - 10
AROMATIC NAPTHA, LIGHT	64742-95-6	TWA: NO NO 100 100 DATA	DATA 1 - 10
*NUISANCE DUST AS FREE D	UST ONLY, NO	T AS BOUND IN PAINT	OR INK.

EMERGENCY OVERVIEW:

WHITE OPAQUE THIN VISCOSITY LIQUID WITH SWEET ODOR.

WARNING!

FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT SPARKS AND FLAMES. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 3 HAZARDS IDENTIFICATION —

POTENTIAL HEALTH EFFECTS:

EYES: LIQUID IS MODERATELY IRRITATING TO THE EYES.

SKIN: LIQUID IS MILDLY IRRITATING TO THE SKIN.

INGESTION: INGESTION OF LIQUID MAY CAUSE VOMITING.

HIGH CONCENTRATION OF VAPORS MAY PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUSEA.

CHRONIC HEALTH EFFECTS CHRONIC HEALTH EFFECTS:
PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN SENSITIZATION OR DERMATITIS.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXECGURE TO
SOLVENTS WITH IRREVERSIBLE BRAIN AND NERVOUS SYSTEM DAVAGE, INTENTIONAL
MISUSE BY DELIBERATELY CONCENTRATING OR INHALING THIS PRODUCT MAY BE HARMFUL
OR FATAL. IARC (INTERNATIONAL AGENCY FOR RESEARCH OF CANCER) HAS CLASSIFIED
TITANIUM DIOXIDE AS A POSSIBLE HUMAN CARCINOGEN (2B).

- SECTION 4 FIRST AID MEASURES -

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

REMOVE TO FRESH AIR. IF NOT BREATHING, CIVE ARTIFICIAL RESEDENTION. F EREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTEMPTON IMMEDIATELY.

SKIN: FLUSH SKIN WITH PLENTY OF WATER, RIMONE COMPANINATED CLOTHING AND

INGESTION

INGESTION:
IF LARGE QUANTITIES OF THIS MATERIAL AND SWALLAND, OF IMPEDIATE MALICAL ATTENTION, DO NOT INDUCE WOMITING, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

- SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): 81 DEG. F

FLAMMABLE LIMITS:

LEL: 1.7 UEL: 7.6

EXTINGUISHING MEDIA:
USE WATER FOG, FORM, DRY CHEMICAL OR COO. USE WATER SPRAY TO COOL
FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

SPECIAL FIRE FIGHTING PROCEDURES:
KEEP CONTAINERS COOL AND VALOES DOWN WITH VALUE SPRAY, PREVENT OF ILL FROM
ENTERING DRAINS, SEWERS, STREAMS OF CITIES HOURS OF WATER. IF REN OVER
OCCURS, NOTIFY PROPER AUTHOLITIES, DO NOT ENTER CONFINED FOR DATE OFF
FULL BUNKER GEAR (HEIMET WITH FACE SHIELD, ELDERE COSTS, SLOWER AND RUNNER
BOOTS); INCLUDING A POSITIVE PRESCRIP MICH APPROVED SILLE CONTAINED
BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZAROC: WAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALTER GROUND, OR DE MOVED BY VENTILATION AND BE IGNITED BY IGNITION SOURCE.

— SECTION 6 ACCIDENTAL RELEASE MEASURES -

SMALL SPILL:
ABSORB LIQUID WITH NON-COMPOSTIBLE FLOOR ARGUMENT AND PLACE IN NON LEARING CONTAINER; SEAL PROPERLY AND DISPOSE OF PROPERLY IN COMPLIANCE WITH PERSONAL STATE, AND LOCAL REGULATIONS.

LARGE SPILL:

EVACUATE AREA OF UNPROTECTED PERSONNEL, ELIMINATE ALS IGNITION EXCROSS, STOPE SPILL AT SOURCE IF SAFE TO DO SO. HANDING EQUIPMENT MITT FE CHOUNGED TO PERSONN SPARKING, PREVIENT SHILL FROM EDITERING DEADING, SEMERS, CITE AND CO. OTHER BODIES OF WATER, IF REM-GFF OCCURE, NUCLEY PROFER A THAN INTER, FROM CR. VACUUM TRANSFER SPILLED PRODUCT TO CLEVE CONCAUNEES OR RECOVERABLE PRODUCT. TRANSFER CHIMADISCTE ARCHITICAL STATE, SIL AND THE MATERIALS TO CONTAINERS FOR DISCORDAL DISECTE OF PROFERLY IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

- SECTION 7 HANDLING AND STORAGE -

HANDLING:
EMPTY CONTAINERS RETAIN REJIDUE LIQUID AND/OR UMPOR AND CAN BE LABRED & DO NOT PRESSURIZE, CUT, WELD, ERAZE, SCILER, DRILL, RICH, OF EXTROS SUM CONTAINERS TO HEAT, SPARKS, FLAME, STOTIC ELFIFEICITY, OF OTHER STUCES OF LIGHTON, WANY HOT ORGANIC CHEMICAL VALUES OR MISTS ARE SLOCE TILES TO SUDDEN SPONTANEOUS COMBUSTION WHEN PLYED WITH AIR. IN MISTICA BAY OF OTHER TO SUDDEN SPONTANEOUS COMBUSTION WHEN PLYED WITH AIR. IN MISTICA BAY OF THE TOWN OF THE STUCK BELOW THOSE FIELISHED IN THE LITTERSTURE AS "AUTOICHITIE!" OR INMITION TEMPERATURES BELOW THOSE FIELISHED IN THE LITTERSTURE AS "AUTOICHITIE!" OR VOLUME AND VAPOR VOLUME AND VAPOR AIR CHANGES. IS CONTINON OF CRIGNIC CHAMICAL TAPOR. MAY COUR ET THE LIEVATED TEMPERATURE PROCESS CONTITIONS, ESPECIALLY IN PROCESS OF THE COURSE AT OFFICIAL UNDER VACUUM IF SURJECTED TO SUIDED IMPRESS OF AIR, R CUISTIE TO SOME BOUTEMENT OPERATURE UNDER HELEVATE PROCESS OF THE RECUISE BY THE PROCESS OR MISTS TO THE ATMOSPHERE OCCURS. ANY INCOMESS OF THE PRODUCT IN PLEASE OF THE PROPERTING CONDITIONS ARE ESTABLISHED AND MAINTAINED. HANDLING:

STORAGE:
KEEP AWAY FROM HEAT, SPARKS AND CHEM FLAMES, HEEF OUT OF REALM OF CHILDREN.
KEEP AWAY FROM HEAT, SPARKS AND CHEM FLAMES, HEEF OUT OF REALM OF CHILDREN.
KEEP CONTAINER TIGHTLY SEALED WHEN MOT IN USE. STORE IN CANAMIST OF THE MELL-VENTILATED PLACE AWAY FROM INCOLUDED WHETE, STORE IN CANAMIST OF THE MATERIAL SAFETY DATA SHEETS REFERS TO INK USED IN DETS AND MARKER; FORMAT, IT APPLIES TO THESE INKS IN BULK. THE INKS ARE CONTAINED IN CALLLARY CONTAINED WILL NOT SPILL OR LEAR UNDER NORMAL CONDITIONS.

- SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION ---

RESPIRATORY PROTECTION (SPECIFY TYPE):
NOT USUALLY NECESSARY. USE WITH ADEQUATE VEHILLATION, USE NEOSHYPUHA
APPROVED RESPIRATOR IF PELS OR TIVE ARE EXCLEDIZE.

ENGINEERING CONTROLS: LOCAL EXHAUST: NOT USUALLY NEEDED MECHANICAL (GENERAL): YES SPECIAL: NONE OTHER: NONE

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES IF SKIN OWNING! IS POSSIBLE (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER) .

NOT NORMALLY REQUIRED IF USED AS INTENSED, NEAR CHESTCA, SPLACE COSTES IN COMPLIANCE WITH OSHA REGULATION IF SPLACHING IS POSSIBLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT USUALLY NECESSARY. FOR BULK MATERIAL, IF DIRECT CONTACT IS POSSIBLE, WEAR APRON, ECOTS, FACE SHIELD, ETC. AS NEEDED.

WORK/HYGIENIC PRACTICES:

FOLLOW LABEL INSTRUCTIONS, WASH HAVE AFTER USE AND REPORT BATING, IFINKING,

SMOKING, USING RESTROOMS, ETC. - SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES -BOILING POINT: 252 DEG. F VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA VAPOR DENSITY (AIR = 1): GREATER THAN ONE (1) SOLUBILITY IN WATER: SLIGHT SPECIFIC GRAVITY (H2O = 1) @ 70 DEG. F: >1 MELTING POINT: NO DATA EVAPORATION RATE (BUTYL ACETATE = 1): LESS THAN ONE (1) pH: NO DATA APPEARANCE AND ODOR: WHITE OPAQUE THIN VISCOSITY LIQUID WITH SWEET ODOR. VOC: THIS PRODUCT CONTAINS 622 GRAMS PER LITER OR 47.5% BY WEIGHT VOC'S. SECTION 10 STABILITY AND REACTIVITY CHEMICAL STABILITY: UNSTABLE () STABLE (X) CONDITIONS TO AVOID: NONE KNOWN. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND REDUCING AGENTS, STRONG ALKALIES AND STRONG ACIDS. HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, SMCKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS. HAZARDOUS POLYMERIZATION: MAY OCCUR (WILL NOT OCCUR (X) CONDITIONS TO AVOID: NO DATA SECTION 11 TOXICOLOGICAL INFORMATION -ORAL LD50 (RAT) DERMAL LD50 (RABBIT) INHALATION LC50 (RAT) BUTYL ACETATE MO DATA NO DATA NO DATA 1-METHOXY-2->1000 MG/KG NO DATA NO DATA PLEASE REFER TO SECTION 3 FOR AVAILABLE INFOFMATION ON POTENTIAL HEALTH - SECTION 12 ECOLOGICAL INFORMATION -NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEASE REFER TO SECTION 6 FOR INFORMATION REGARDING ACCIDENTAL RELEASES AND SECTION 15 FOR REGULATORY REPORTING INFORMATION. - SECTION 13 DISPOSAL CONSIDERATIONS - SECTION 14 TRANSPORT INFORMATION SECTION 15 REGULATORY INFORMATION -

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL (NOT MEANT TO BE ALL INCLUSIVE) DOMESTIC HIGHWAY (CONTAINERS <1 QUART ARE ORM-D):
PROPER SHIPPING NAME: PAINT
HAZARD CLASS/SUBSIDIARY HAZARD: 3
UN/NA NO.: UNI263
PACKING GROUP: III
LABEL REQUIRED: FLAMMABLE LIQUID (3) DOMESTIC AIR SHIPMENTS (PENS): PROPER SHIPPING NAME: VARIES HAZARD CLASS/SUBSIDIARY HAZARD: VARIES UN/NA NO: VARIES PACKING GROUP: VARIES LABEL REQUIRED: VARIES (NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED) U.S. FEDERAL REGULATIONS: CARCINOGENICITY: NTP?: NO IARC MONOGRAPHS?: 2B OSHA REGULATED?: NO OSHA . HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). SECTION 313: THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS THAT ARE LISTED AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEC. 313 IF USED OVER THE THRESHOLD REPORTING QUANTITY. THIS INFORMATION MUST BE INCLUDED IN ALL MSDCS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL. INTERNATIONAL REGULATIONS: CANADIAN WHMIS: B2, D2B, D2A STATE REGULATIONS: CALIFORNIA PROPOSITION 65:

WARNING THIS PRODUCT CONTAINS TRACE QUANTITIES OF ANCIMAN, CHROMIUM AND SAID, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CRUSE TANCER AND BIRTH DEPEKTS OR OTHER REPRODUCTIVE HARM. - SECTION 16 OTHER INFORMATION ----MSDS STATUS: REVISED SECTION(S):
5/1/07 UPDATED SECTION 2.
UPDATED SECTION 3.
UPDATED SECTION 5.
UPDATED SECTION 9.
UPDATED SECTION 11.
UPDATED SECTION 14.
UPDATED SECTION 15.
UPDATED W/CURRENT DATE 5/05/10.

#### WARNING!

THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURE AND DISTRIBUTOR; THEREFORE, NO GRANNIER, EXPRESSED OR IMPLED, IS MORE AS TO THE EFFECTS OF SUCH OR THE RESULTS TO HE OBTAINED IF NOT SEED IN ACCEPTANCE WITH DIRECTIONS OR ESTABLISHED CARE PROJUCE THE USER RUST ASSUME ALL RESPONSIBILITY, INCLUDING INJURE OR REPORTED FROM THE HEAD AS SUCH, OR IN COMBINATION WITH OTHER MACERIALS. THE MANUFACTURES AND DISTRIBUTION WARRANT ONLY THAT THIS PRODUCT MEETS THE SPECIFICATIONS FOR SICH

PRODUCT. THIS WARRANTY IS IN LIET OF ALL OTHER WARRANT STEELS OR IMPLIED, AS TO DESCRIPTION, CUALITY, MERCHANDELLITY, PITTERS FOR ALL PRINTEDLAR PURPOSE, PRODUCTIVENESS, OR ANY CHARLES AND DISTRIBUTOR SHALL HE IN NO WAY RESPONDED FOR THE FOLIAL FROM THE COLDITION OF THE SOLE AND DISTRIBUTOR FOR BREACH OF WARRANT SHELL HE RELIMENTSSTORM OF THE PRODUCT FOR BREACH OF WARRANT SHELL HE RELIMENTSSTORM OF THE PRODUCT SHALL BE FOUND TO MAIST THE COMPITED OF THE PRODUCT SHALL BE FOUND TO MAIST. NO OTHER FROM THE COMPITED OF THE PRODUCT SHALL BE FOUND TO MAIST. NO OTHER FROM THE WARRANT OF PROPERTY OF ANY OTHER INCIDENTAL OR CONSEQUENTIAL LAWNESS FOR INTERY TO PERSON OF PROPERTY OF ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS SHALL BE AVAILABLE.

MSDS: B9333

# ITEM: 2GKV3 - Paint Marker Brite Mark(R) Green ORDER: 0138992450 LP NUMBER: U859724308

**MATERIAL SAFETY DATA SHEET (MSDS)** 

Associated Grainger Items 2GKT9, 2GKV3

ITW DYKEM(R\*)

MATERIAL SAFETY DATA SHEET

FLAMMABILITY REACTIVITY PERSONAL PROTECTION B

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: BRITE-MARK GREEN

ITEM NO.: 40004, 41004, 84007

OTHER NAMES: 916, PM40, AND FINE LINE

FORMULA: A789M

NOIE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

ANOTHER EXCLUSIVE PRODUCT OF: ITW DYKEM

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE): 805 EAST OLD 56 HIGHWAY OLATHE, KS 66061-4914

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053 (DOMESTIC) 1-352-323-3500 (INTERNATIONAL)

TELEPHONE NUMBER FOR INFORMATION: 1-800-443-9536 OR 1-913-397-9889

PRODUCT CLASS: SOLVENT BASED MARKER.

DATE PREPARED: 5/05/10

SIGNATURE OF PREPARER (OPTIONAL): REGULATORY DEPT.

- SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS -HAZARDOUS COMPONENTS CAS NO. (SPECIFIC CHEMICAL IDENTITY, COMPON OSHA PEL ACGIH-TLV OTHER LIMITS %(OPT.)
RECOMMENDED NAME (S))

BUTYL ACETATE 123-86-4 TWA: TWA: 150 PPM 15 NO DATA 45 - 55 150 PPM 1-METHOXY-2-PROPANOL ACETATE 108-65-6 NO DATA NO DATA NO DATA 10 - 20 GREEN PIGMENT 1328-53-6 NO DATA NO DATA NUISANCE 10 - 20 DUST AROMATIC NAPTHA, 64742-95-6 TWA: NO DATA NO DATA 100 PP TITANIUM DIOXIDE 13463-67-7 TWA: A: TWA: NUISANCE 10 MG/M3 10 MG/M3 DUST\*

\*NUISANCE DUST AS FREE DUST ONLY, NOT AS BOUND IN PAINT OR INK.

- SECTION 3 HAZARDS IDENTIFICATION -

EMERGENCY OVERVIEW: GREEN OPAQUE THIN VISCOSITY LIQUID WITH SWEET ODOR.

WARNING!

FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT SPARKS AND FLAMES. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

POTENTIAL HEALTH EFFECTS:

EYES: LIQUID IS MODERATELY IRRITATING TO THE EYES.

SKIN: LIQUID IS MILDLY IRRITATING TO THE SKIN.

INGESTION: INGESTION OF LIQUID MAY CAUSE VOMITING.

INHALATION:

HIGH CONCENTRATION OF VAPORS MAY PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUSEA.

CHRONIC HEALTH EFFECTS:

CHRONIC HEALTH EFFECTS:
PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN SENSITIZATION OR DERNATITIS.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED COCUPATIONAL CVEREXPOSURE TO
SOLVENTS WITH IRREVERSIBLE BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL
MISUSE BY DELIBERATELY CONCENTRATING OR INALLING THIS PRODUCT MAY BE HARMFUL
OR FATAL. IARC (INTERNATIONAL AGENCY FOR RESEARCH OF CANCER) HAS CLASSIFIED
TITANIUM DIOXIDE AS A POSSIBLE HUMAN CARCINOGEN (2B).

- SECTION 4 FIRST AID MEASURES -

EYES:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET

INHALATION:

INPRIATION:
REMOVE TO FRESH AIR. IF NOT BREATING, CIVE ARCHEOLY, RESEDENTION OF BREATHING IS DIFFICULT, GIVE OXYGEN. CRIT MEDICAL ATTENTION INVESTIGATY.

SKIN: FLUSH SKIN WITH PLENTY OF WATER, RIMONE CANTAMINATED CATHLING AND

IT LARGE QUANTITIES OF THIS MATERIAL ARE SWALLOWED, THE IMPELIANTE MEDICAL ATTENTION. DO NOT INDUCE WOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

- SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): 81 DEG. F

FLAMMABLE LIMITS: LEL: 1.7 UEL: 7.6

EXTINGUISHING MEDITA:
USE WATER FOG, FOAM, DRY CHEMICAL OR COX. USE WATER SPHAY TO COCK
FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

SPECIAL FIRE FIGHTING PROCEDURES SPECIAL FIRE FIGHTING PROCEDURES:
KEEP CONTAINERS COOL AND VAPORE DOWN WITH VACUE SPEAY, PREVENT SPILL FROM
ENTERING DRAINS, SEWERS, STREAZE OR COHER BODIES OF WATER. IF BODIES
COCCURS, NOTIFY PROPER AUTHORITIES. DO NOT ENTER COMPINED FIRE SPACE WITHOUT
FULL BUNKER GEAR (HELMET WITH FACE SHIELD, ELDRER CONTS, SLOWE FACE RECEIVED
BOOTS); INCLUDING A POSITIVE PRESSURE MIGSH APPROVED SHEEP CONTAINED
BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZAROS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR HE MOVED BY VENTILATION AND BE IGNITED BY IGNITION SOUNCE.

SECTION 6 ACCIDENTAL RELEASE MEASURES ---

SMALL SPILL ABSORB LIQUID WITH NON-COMBUSTIBLE PLOCE ARSCHRENT AND PLACE IN NON LEGICING CONTAINER; SEAL PROPERLY AND DISPOSE OF PROFERM IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

LARGE SPILL:

EVACUATE AREA OF UNPROTECTED PERSONNEL. FLIMINATE ALL FONTION SCHOOLS. STOP

SPILL AT SOURCE IF SAFE TO DO SO. HANDLING FOULTHANT MUST BE CHOKNED TO

PREVENT SPARKING. PREVENT SPILL FROM ENTRYING BRAINS, SEMSES, CONSAINS OR

OTHER BODIES OF WATER. IF RUN-COFF OCCUPE, MOURT PROCER WITHRESTONS. FUND OR

VACUUM TRANSFER SPILLED PRODUCT TO CLEAR CONCANNESS FOR RECOVERY, ARGUED

UNRECOVERABLE PRODUCT. TRANSFER CONTAINMENT ARCHEST, SOIL AND THER

MATERIALS TO CONTAINERS FOR DISPOSAL, DISPOSE OF PROCERTY IN CLMF. JOICE OF THE

FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 7 HANDLING AND STORAGE

HANDLING:

EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR WAPON AND CAN BE MAKEEDDI. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SEDEE, DRILL, TRIDE, CH EXPOSE SUM CONTAINERS TO HEAT, SPARKS, FLAMES, STUTIC ELEMENTLY, OR CHER BULICES OF IGNITION. MANY HOT ORGANIC CHEMICAL VARICES OF MISTS ARE SORDELED TO SUDDEN SPONTANEOUS COMBUSTION WHEN MISTD WITH AIR. INTITION FOR COMBUSTION WHEN MISTD WITH AIR. INTITION FOR COMBUSTION WHEN MISTD WITH AIR. INTITION FOR COMBUSTION WHEN MISTD WHEN THE LITERATURES AS "AUTHOUTED IN" OR IGNITION TEMPERATURES. IGNITION THEFTEATURES DO BEASE WITH TO HER HE WARE VOLUME AND VAPOR VOLUME AND VAPOR/AIR CONTACT TIME, AND ARE DEPLAYED BY PRESSURE CHANGES. IGNITION OF ORGANIC CHANGES. WHEN TO HER HE WAS INCLUDED TO SUBJECTED TO SUDDEN WHEN CHANGE WAY COME AT THE ALL MISTO. THE SUBJECTED TO SUDDEN MISTS TO THE SUBJECTED TO SUDDEN MISTS TO THE ATMOSPHERE OCCURS. ANY HINDRESS OF AIR, R. CUTCLE PROCESS EQUIPMENT OPERATING UNDER MISTS TO THE ATMOSPHERE OCCURS. ANY HINDRESS OF AIR, R. CUTCLE PROCESS EQUIPMENT OPERATING CONDITIONS ARE ESTABLISHED AND MAINTAINED.

STORAGE:

KEEP AWAY FROM HEAT, SPARKS AND OHN FLAMES. THE OUT OF REACH OF CHILDED.

KEEP CONTAINER TIGHTLY SHALED WHEN NOT IN 1833. IT OF IN XOO.

WELL-VENTILATED PLACE AWAY FROM INCOME THE MATERIAS. INFORMATION ON THE S

WATERIAL SAFETY DATA SHEETS REFERE TO THE USELD IN PERS AND MATERIA, HOUSTAR,

IT APPLIES TO THESE INKS IN BULK. THE INKS ARE CONTAINED IN CHILLARY OF

VALVE RESERVOIRS AND WILL NOT SPILL OF LEAK UNDER NORMED, CONDITIONS.

- SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION -----

RESPIRATORY PROTECTION (SPECIFY TYPE):
NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA
APPROVED RESPIRATOR IF PELS OR TIME ARE EXCEPTED.

ENGINEERING CONTROLS: LOCAL EXHAUST: NOT USUALLY NEEDED MECHANICAL (GENERAL): YES SPECIAL: NONE OTHER: NONE

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES OF SKIN CONTACT AS POSSIBLE COMBULT YOUR SAFETY EQUIPMENT SUPPLIER:

EYE PROTECTION: NOT NORMALLY REQUIRED IF USED AS INHEMMED, WEAR CHEMICAL SPLASH COGSIES IN COMPLIANCE WITH OSHA REGULATION IF SPLASHING IS POSSIBLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT USUALLY NECESSARY. FOR MULK MATERIAL, IF DIRECT CONTACT AS POSSIBLE, WEAR APRON, BOOTS, FACE SHIELD, ETC. AS NECEMED.

WORK/HYGIENIC PRACTICES:

FOLLOW LABEL INSTRUCTIONS. WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC. - SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES -POILING POINT: 252 DEG. F VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA VAPOR DENSITY (AIR = 1): GREATER THAN ONE (1) SOLUBILITY IN WATER: SLIGHT SPECIFIC GRAVITY (H2O = 1) 70 DEG. F: 1 MELTING POINT: NO DATA EVAPORATION RATE (BUTYL ACETATE = 1): LESS THAN ONE (1) pH: NO DATA APPEARANCE AND ODOR: GREEN OPAQUE THIN VISCOSITY LIQUID WITH SWEET ODOR. VOC: THIS PRODUCT CONTAINS 725 GRAMS PER LITER OR 69.77% BY WEIGHT VOC'S. - SECTION 10 STABILITY AND REACTIVITY -CHEMICAL STABILITY: UNSTABLE () STABLE (X) CONDITIONS TO AVOID: NONE KNOWN. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND REDUCING AGENTS, STRONG ALKALIES AND STRONG ACIDS. HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOKIDE, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS. HAZARDOUS POLYMERIZATION: MAY OCCUR () WILL NOT OCCUR (X) CONDITIONS TO AVOID: NO DATA - SECTION 11 TOXICOLOGICAL INFORMATION -DERMAL LD50 INHALATION LC50 (RABBIT) (RAT) BUTYL ACETATE NO DATA NO DATA NO DATA 1-METHOXY-2->1000 MG/KG NO DATA NO DATA PROPANOL ACETATE PLEASE REFER TO SECTION 3 FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH - SECTION 12 ECOLOGICAL INFORMATION -NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEASE REFER TO SECTION 6 FOR INFORMATION REGARDING ACCIDENTAL RELEASES AND SECTION 15 FOR REGULATORY REPORTING INFORMATION. - SECTION 13 DISPOSAL CONSIDERATIONS -DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. — SECTION 14 TRANSPORT INFORMATION -(NOT MEANT TO BE ALL INCLUSIVE) DOMESTIC HIGHWAY (CONTAINERS <1 QUART ARE ORM-D): PROPER SHIPPING NAME: PAINT HAZARD CLASS/SUBSIDIARY HAZARD: 3 UN/NA NO: UNI263 PACKING GROUP: III LABEL REQUIRED: FLAMMABLE LIQUID (3) DOMESTIC AIR SHIPMENTS (PEMS): PROPER SHIPPING NAME: VARIES HAZARD CLASS/JUBSIDIARY HAZARD: VARIES UN/NA NO.: VARIES PACKING GROUP: VARIES LABEL REQUIRED: VARIES - SECTION 15 REGULATORY INFORMATION (NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED) U.S. FEDERAL REGULATIONS: CARCINOGENICITY: NTP?: NO IARC MONOGRAPHS?: 2E OSHA REGULATED?: NO OSHA:

HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

SECTION 313 SECTION 313: THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS THAT ARE LISTED AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEC. 313 IF USED CVER THE THRESHOLD REPORTING QUANTITY. THIS INFORMATION MUST BE INCLUDED IN ALL MSDSS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

INTERNATIONAL REGULATIONS: CANADIAN WHMIS: B2, D2B, D2A

STATE REGULATIONS:

# CALIFORNIA PROPOSITION 65:

WARNING

WARKING:
THIS PRODUCT CONTAINS TRACE QUANTITIES OF LEAD, NICKLI, ARSENIC, CANTUM AND TOLURAE, CHEMICALS KNOWN TO THE SIMTE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

- SECTION 16 OTHER INFORMATION ----

MSDS STATUS:

REVISED SECTION(S):
5/1/07 UPDATED SECTION 2.
UPDATED SECTION 3.
UPPDATED SECTION 5.
UPDATED SECTION 9.
UPDATED SECTION 11.
UPDATED SECTION 14.
UPDATED SECTION 15.
UPDATED W/CURRENT DATE 5/05/10.

THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURE AND DISTRIBUTOR; THEREFORE, NO GUARANTES, ECURESSED OR IMPLIED, IS MADE NO TO THE EFFECTS OF SUCH OR THE RESULTS TO BE ONTAINED IF NOT ISSET IN ACCURANTE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. THE USER PUST ACCURANTE RESPONSIBILITY, INCLUDING INJURY OR LAPAGE, RESULTING THAT OF MADE AS SUCH, OR IN COMBINATION WITH OTHER MALERIALS. THE MANUFACTURES AND DISTRIBUTOR WARRANT ONLY THAT THIS PRODUCT MEETS THE SPECIFICATIONS FOR SUCH

PRODUCT, THIS WARRANTY IS IN LIE OF ALL CTHEE WARRANTIES, EXPERSION IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FINESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY CLIEF WATER OF THIS FOLLOT, THE

MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO MAY FESPINSIBLE FOR THE INTROLER USE OF THIS PRODUCT. THE SOLE AND EXCLUSIVE REMEIN A WAINST THE MAY PACTURE AND DISTRIBUTOR FOR BREACH OF WASFANTY SHALL BE REINBURSSHEET OF THE PURCHASE PRICE OF THE PRODUCT SHALL BE FOUND TO FRIST, NO CHER FRIENDY IN THIS BUT MAY LIMITED TO INCIDENTAL OR CONSEQUENTIAL MAY ARE FOR INJURY TO PERSON OF PROPERTY OF ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS! SHALL BE AVAILABLE.