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## **MD-400 CONSTRUCTION ADHESIVE**

### **MSDS Number**

BYHTW

### **National Stock Number**

6850-00F016332

### **Product Name**

MD-400 CONSTRUCTION ADHESIVE

### **Manufacturer**

MACKLANBURG DUNCAN

### **Product Identification**

Product ID:MD-400 CONSTRUCTION ADHESIVE

MSDS Date:01/17/1991

FSC:6850

NIIN:00F016332

MSDS Number: BYHTW

### **Responsible Party**

MACKLANBURG-DUNCAN

4041 NORTH SANTA FE

OKLAHOMA CITY , OK 73118-5000

US

Emergency Phone: 405-528-4411

Info Phone: 405-528-4411

Cage: 82464

### **Contractor**

MACKLANBURG-DUNCAN

OKLAHOMA CITY, OK 73118-0188

US

800-654-8454 / 405-528-4411

Cage: 82464

### **Ingredients**

METHYLCYCLOHEXANE

CAS: 108-87-2

RTECS: GV6125000

OSHA PEL2000 MG/CUM

ACGIH TLV: 1610 MG/CUM

CYCLOHEXANE

CAS: 110-82-7

RTECS: GU6300000

OSHA PEL1050 MG/CUM

ACGIH TLV: 1030 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS



ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight:

OSHA PEL400 PPM

ACGIH TLV: 400 PPM

387 GM/L

RTECS: 9999999VO

TOLUENE (IARC CARC- GROUP 3) \*95-4\*

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

HEXANE, N-HEXANE

CAS: 110-54-3

RTECS: MN9275000

Fraction By Weight:

OSHA PEL1800 MG/CUM

ACGIH TLV: 176 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA, LACOLENE

CAS: 64742-89-8

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

HEPTANE

CAS: 142-82-5

RTECS: MI7700000

OSHA PEL2000 MG/CUM

ACGIH TLV: 1640 MG/CUM

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO



Health Hazards Acute and Chronic: INHALATION: RESPIRATORY IRRITANT.  
EYES: IRRITATION.  
Explanation of Carcinogenicity: NONE  
Effects of Overexposure: IRRITATION, DIZZINESS, WEAKNESS, FATIGUE,  
NAUSEA, BLURRED VISION  
Medical Cond Aggravated by Exposure: LIVER AILMENTS

## First Aid

First Aid: SKIN/EYES: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE  
VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT  
ASPIRATION OF LIQUIDS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method: TCC  
Flash Point: Lower Limits: 1  
Upper Limits: 7.5  
Extinguishing Media: CO2, FOAM, DRY CHEMICAL  
Fire Fighting Procedures: USE SELF CONTAINED BREATHING APPARATUS IN  
POSITIVE PRESSURE MODE & FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard: VAPORS MAY IGNITE EXPLOSIVELY & TRAVEL  
ALONG THE GROUND/BE MOVED BY VENTILATION & IGNITED BY AN IGNITION  
SOURCE.

## Accidental Release

Spill Release Procedures: APPLY VENTILATION. EXTINGUISH SOURCES OF  
SPARK/FLAME. ADD SAND/OTHER ABSORBANT TO AREA. PICK UP  
W/NON-METALLIC MATERIAL. SCRAPE INTO CONTAINERS FOR DISPOSAL.

## Handling

Handling and Storage Precautions: DON'T STORE NEAR HEAT, SPARKS/FLAME.  
STORE BETWEEN 40 & 120F. DON'T FREEZE. IF STORING OUTSIDE, PROTECT  
FROM SUN TO AVOID OVERHEATING OF CONTAINERS.  
Other Precautions: WHEN PUNCTURING SEAL, TURN CONTAINER AWAY FROM FACE.  
DON'T INGEST. KEEP AWAY FROM CHILDREN. STORE IN A COOL LOCATION.  
AVOID BREATHING VAPORS. USE ONLY IN WELL VENTILATED AREAS.

## Exposure Controls

Respiratory Protection: IF TLVS ARE EXCEEDED, USE NIOSH APPROVED  
RESPIRATOR.  
Ventilation: USE EXPLOSION PROOF VENTILATION AS REQUIRED TO CONTROL  
VAPOR CONCENTRATIONS.  
Protective Gloves: IMPERVIOUS  
Eye Protection: SAFETY GOGGLES  
Other Protective Equipment: NONE  
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. DON'T SMOKE  
WHEN USING THE PRODUCT.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt: B.P. Text: 149F  
Vapor Density: > 1  
Spec Gravity: 1.05  
Solubility in Water: INSOLUBLE  
Appearance and Odor: LIGHT TAN MASTIC W/SWEET ODOR

## Stability

Stability Indicator/Materials to Avoid: YES  
OXIDIZING AGENTS  
Stability Condition to Avoid: HEAT, SPARKS, FLAMES, STATIC ELECTRICITY &  
OTHER IGNITION SOURCES  
Hazardous Decomposition Products: CO2, CO, AROMATIC & ALIPHATIC  
HYDROCARBONS

## Disposal

Waste Disposal Methods: PLACE IN A DISPOSAL FACILITY APPROVED UNDER RCRA  
REGULATIONS AS HAARDOUS WASTE. DISPOSE OF IN ACCORDANCE W/LOCAL,  
STATE & FEDERAL REGULATIONS.



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