M150

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15 MSDS should be attached or kept with the r ####################################	espective product with which it is associated.
Associated Grainger Items	MSDS NO.: ALCOATOO1 OUTBOUND
4MAC4, 4MAC5, 1YEH3, 1YEH4, 1YEH5, 1YEH6, 1YET2, 1YET3, 1YET4, 1YET6, 1YET6	ALUMINUM CXIDE COATED ABRASIVE
IYER6, IYER8, IYEU1, IYEU3, IYEU4, IYEU5, IYEV4, IYEV5, IYEV6, IYEV7, IYEV8	DATE PRINTED: FEB 26, 2010
1YEX2, 1YEX3, 1YEX4, 1YEX5, 1YFB1, 1YFB2, 1YFB3, 1YFB4, 1YFB5, 1YFB6, 1YFB7, 1YFB8, 1YFB9, 1YFC1, 1YFC3, 1YFC4, 1YFC5, 1YFC6, 1YFC7, 1YFC8, 1YFC9	SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION
1YFD1, 1YFD2, 1YFD3, 1YFD4, 1YFD5, 1YFD6, 1YFD7, 1YFH2, 1YFH3, 1YFH3, 1YFH4, 1YFH5, 1YFH7, 1YFH8, 1YFH9, 1YFJ1, 1YFJ2, 1YFJ3, 1YFJ4, 1YFJ5, 1YFJ5, 1YFJ5, 1YFJ8, 1YFJ3, 1YFK1, 1YFK2, 1YFK3, 1YFK4, 1YFK5, 1YFL3, 1YFL4, 1YFL5, 1YFL5, 1YFK5, 1YFK5, 1YFK5, 1YFK5, 1YFL3, 1YFL4, 1YFL5, 1Y	PRODUCT NAME: ALUMINUM OXIDE COATED ABRASIVE
1YF18, 1YF13, 1YF11, 1YF12, 1YF13, 1YF14, 1YF15, 1YF13, 1YF14, 1YF15, 1YF15, 1YF16, 1YF16, 1YF16, 1YF16, 1YF10, 1Y	TRADE NAME:
1PF82, 1PR46, 1PR47, 1PR48, 1PR49, 1PR50, 1PR51, 1PR52, 1PR53, 1PR54, 1PR55, 1PR56, 1PR57, 1PR58, 1PR59, 1PR95, 1PR96, 1PT32, 1PT43, 1PT44, 1PT45, 1PT46	ADALOX OR ABRASIVE CAP CODES:
1PR55, 1PR57, 1PR58, 1PR59, 1PR59, 1PR59, 1PR51, 1PR52, 1PR53, 1PR54, 1PR55, 1PR56, 1PR59, 1PR59, 1PR59, 1PR32, 1PR32, 1PR34, 1PT44, 1PT44, 1PT45, 1PT46, 1PT43, 1PT49, 1PT50, 1PT51, 1PT52, 1PT54, 1PT54, 1PT55, 1PT56, 1PR59, 1PR40, 1PT55, 1PT54, 1PT55, 1PT54, 1PT55, 1PT56, 1PR59, 1PR40, 1PR51, 1PR54, 1PT55, 1PT54, 1PT55, 1PT56, 1PT54, 1PT55, 1PT54, 1PT55, 1PT54, 1PT55, 1PT56, 1PT54, 1PT55, 1PT56, 1PT54, 1PT55, 1PT56, 1PT54, 1PT55, 1PT56, 1P	H1XX, A1XX, A2XX, E2XX, F2XX, G2XX, H2XX, K2XX, Q1XX, Q2XX, R2XX, S2XX, T2XX, U2XX, W2
2D556, 2D557, 2D558, 2D559, 2D560, 2D593, 2D594, 2D595, 2D596, 2D597, 2D616	MANUFACTURER(4):
2D680, 2D681, 2D682, 2D683, 2D684, 2D685, 2D686, 2D687, 2D688, 2D689, 2D690	SAINT-GOBAIN ABRASIVES, INC. ONE NEW BOND STREET
2D704 2D710 2D711 2D721 2D722 2D722	WORCESTER, MA 01615-0008 (508) 795-5000
2D740, 2D741, 2D742, 2D743, 2D744, 2D745, 2D746, 2D747, 2D748, 2D797, 2D798, 2D799, 2D800, 2D801, 2D802, 2D806, 2D807, 2D811, 2D812, 3DU51, 3DU52, 3DU53	REVISION DATE: 1/26/2010
3DU54, 3DU55, 3DU56, 3DU57, 3DU58, 3DU59, 3DU60, 3DU61, 3DU62, 3DU63, 3DU64, 3DU65, 3DU67, 3DU68, 3DU69, 3DU70, 3DU71, 3DU72, 3DU73, 3DU73, 3DU75, 3DU79, 3D	MSDS PRINT FORMAT: NUSA
3DU80, 3DU83, 3DU84, 3DU85, 3DU86, 3DU87, 3DU88, 3DU89, 3DU90, 3DU91, 3DU92, 3DU93, 3FU94, 3DU99, 3DV10, 3DV12, 3DV13, 3DV14, 3DV15, 3DV16, 3DV17, 3DV18	SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS
3DV24, 3DV24, 3DV25, 3DV26, 3DV27, 3DV28, 3DV29, 3DV30, 3DV31, 3DV32 3DV33, 3DV34, 3DV35, 3DV36, 3DV37, 3DV38, 3DV39, 3DV40, 3DV41, 3DV42, 3DV43	SUBSTANCE DESCRIPTION PERCENT CAS#
3DV44, 3DV45, 3DV46, 3DV47, 3DV48, 3DV49, 3DV50, 3DV51, 3DV52, 3DV53, 3DV54, 3DV55, 3DV57, 3DV58, 3DV58, 3DV59, 3DV60, 3DV61, 3DV62, 3DV63, 3DV64, 3DV65, 3DV69, 3PY69, 3PY91, 3PY93, 3PY95, 3PY97, 3RA15, 3RA17, 3RA19, 3RA21	ALUMINUM OXIDE, NON-FIBROUS 15.000 - 25.000 1344-28-1
3RA23, 3RB33, 3RB34, 3RB35, 3RB36, 3RB37, 3RB38, 3RB39, 3RB40, 3RB41, 3RB42	CLOTH OR PAPER BACKING 45.000 - 55.000 N/A
3RB54, 3RB65, 3RB62, 3RB63, 3RB64, 3RB65, 3RB66, 3RB67, 3RB68, 3RB69, 3RB70	BINDER SYSTEM ** 10.000 - 30.000 N/A
3RB93, 3RB94, 3RB95, 3RB97, 3RB98, 3RB99, 3RE10, 3RE11, 3RE12, 3RE13, 3RE14 3RE15, 3RE16, 3RE17, 3RE18, 3RE19, 3RE20, 3RE21, 3RE22, 3RE23, 3RE24, 3RE26	CALCIUM CARBONATE 10.000 - 20.000 1317-65-3
3RE26, 3RE27, 3RE28, 3RE29, 3RE30, 3RE31, 3RE32, 3RE33, 3RE34, 3RE35, 3RE36	** SUBSTANCE IS A COMPOUND AND/OR MIXTURE
3RE48, 3RE49, 3RE50, 3RE51, 3RE52, 3RE53, 3RE54, 3RE55, 3RE56, 3RE57, 3RE58 3RE60, 3RE61, 3RE62, 3RE64, 3RE65, 3RE66, 3RE67, 3RE68, 3RE69, 3RE70, 3RE71	OTHER: NOT APPLICABLE
3RE72, 3RE73, 3RE74, 3RE75, 3RE76, 3RE77, 3RE78, 3RE79, 3RE80, 3RE81, 3RE82, 3RE83, 3RE84, 3RE86, 3RE87, 3RE88, 3RE89, 3RE90, 3RE91, 3RE92, 3RE93, 3RE94	SECTION 3. HAZARDS IDENTIFICATION
3RU16, 3RU17, 3RU18, 3RU19, 3RU20, 3RU21, 3RU22, 3RU23, 3RU24, 3RU25, 3RU26	INHALATION ACUTE EXPOSURE EFFECTS:
3 3UM88, 3UM89, 3UN05, 3UN06, 3UN07, 3UN08, 3UN09, 3UN10, 3UN11, 3UN12	DUST MAY BE SLIGHTLY IRRITATING TO EYES AND RESPIRATORY TRACT AT HIGH CONCENTRATIONS.
3. 30N14, 30N15, 30N16, 20N17, 30N18, 30N19, 30N20, 30N21, 30N22, 30N23, 30N24, 30N32, 30N33, 30N34, 30N35, 30N36, 30N37, 30N38, 30N39, 30N40, 30N41, 30N42, 30P53, 30P54, 30P55, 30P56, 30V61, 30V79, 30V155, 30V156, 30V157, 30V158, 30V159, 30V162, 30V163, 30V164, 30V166, 30V173, 30V176, 30V179, 30V102, 30003, 30004	INHALATION CHRONIC EXPOSURE EFFECTS:
3VM06, 3VM10, 3VM13, 3VM14, 3VM15, 3VM18, 3VM19, 3VM20, 3VM22, 3VM27, 3VM28	CHRONIC: MAY AFFECT BREATHING CAPACITY.
3VM29, 3VM31, 3VM33, 3VM36, 3VM36, 3VM38, 3VM39, 3VM40, 3VM41, 3VM44, 3VM46 3VM49, 3VM49, 3VM50, 3VM52, 3VM53, 3VM54, 3VM89, 3VM89, 3VM90, 3VM91, 3VM92, 3VM93, 3VM94, 3VM95, 3VM97, 3VM98, 3VM99, 3VM91, 3VM93, 3VM95, 3VM96, 3VM97, 3VM98, 3VM99, 3VM91, 3VM	FOR PRODUCTS CONTAINING PHENOL/FORMALDEHYDE RESIN, DUST GENERATED FROM INTENDED USE MAY CONTAIN TRACE AMOUNIS OF PHENOL AND FORMALDEHYDE WHICH UNDER EXCESSIVE EXPOSURE MAY CAUSE SKIN SENSITIZATION AND AIRWAY OBSTRUCTION.
3VW23, 3VW11, 3VW12, 3VW13, 3VW15, 3VW16, 3VW17, 3VW22, 3VW23, 3VW27, 3VW28 3VW29, 3VW42, 3VW48, 3VW48, 3VW49, 3VW59, 3VW60, 3VW62, 3VW64, 3VW76, 3VW78 3VW81, 3VX23, 3VX24, 3VX25, 3VX26, 3VX27, 3VX30, 3VZ35, 3VZ73, 3WH53, 3WH54 3WH55, 3WH57, 3WH58, 3WH59, 3WH61, 3WH66, 3WH66, 3WH66, 3WH67, 3WH67, 3WH61, 3WH67, 3WH67, 3WH61, 3WH67, 3WH67	FOR PRODUCTS CONTAINING INORGANIC FLUORIDES: EXCESSIVE EXPOSURE TO INORGANIC FLUORIDES HAVE BEEN SHOWN TO INCREASE BONE DENSITY.
3WH95, 3WJ01, 3WJ03, 3WJ04, 3WJ05, 3WJ07, 3WJ08, 3WJ09, 3WJ10, 3WJ11, 3WJ12	EYE CONTACT ACUTE EXPOSURE EFFECTS: DUST MAY IRRITATE EYES.
3MJ34, 3MJ36, 3MJ43, 3MJ44, 3MJ45, 3MJ46, 3MJ47, 3MJ52, 3MJ53, 3MJ54, 3MJ55	SKIN CONTACT ACUTE EXPOSURE EFFECTS: SOME MAY EXPERIENCE SKIN IRRITATION FROM DUST.
3WJ78, 3WJ79, 3WJ81, 3WJ98, 3WJ99, 3WK03, 3WK09, 3WK18, 3WK25, 3WK27, 3WK29 3WK30, 3WK31, 3WK32, 3WK34, 3WK36, 3WK37, 3WK40, 3WK41, 3WK43, 3YN39, 3YN42	INGESTION ACUTE EXPOSURE EFFECTS: NO KNOWN ADVERSE EFFECTS, BUT INGESTION NOT RECOMMENDED.
3XD43, 3XD44, 3XF01, 3XF47, 3XF50, 3XF51, 3XF56, 3XF57, 3XF58, 3XF59, 3XF60, 3XF61, 3XF62, 3XF63, 3XF64, 3XF65, 3XF66, 3XF67, 3XF68, 3XF70, 3XF71, 3XF72	TO MONTH PARTY AND ELIBORATION NOT RECOMPLIANCED.
3XF73, 3XF74, 3XF76, 3XY65, 4F855, 4F856, 4F857, 4F858, 4F859, 4F860, 4F861, 4F862, 4F883, 4F884, 4F884, 4F886, 4F887, 4F888, 4F890, 4F892, 4F893, 4F894, 4F897, 4F898, 4F899, 4F900, 4F901, 4F904, 4F905, 4F906, 4F907, 4F908	SECTION 4. FIRST AID MEASURES
4F909, 4F910, 4F913, 4F914, 4F915, 4F926, 4F927, 4F928, 4F929, 4F930, 4F931 4F947, 4F949, 4LL12, 4LL15, 4LL16, 4LL17, 4RA91, 4RA92, 4RA93, 5A942, 5A943 5A944, 5A945, 5A946, 5A947, 5A948, 5A949, 5A950, 5A951, 5A952, 5A953, 5A954	INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.
FA955, 5A956, 5A957, 5A958, 5A959, 5A960, 5A961, 5A962, 5A963, 5A964, 5A965 EA966, 5A967, 5A968, 5A969, 5A970, 5A971, 5A972, 5A973, 5A976, 5A977, 5A978 5A980, 5A981, 5A992, 5A983, 5A984, 5A986, 5A986, 5A987, 5A988, 5A999, 5A999, 5A991, 5A992, 5A994, 5A995, 5A996, 5A997, 5A998, 5A999, 5A991, 5A998, 5A994, 5A995, 5A996, 5A997, 5A998, 5A999, 5A997, 5A998, 5A998, 5A998, 5A997, 5A998, 5A998, 5A998, 5A998, 5A997, 5A998, 5A988, 5A98	SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER. OBTAIN MEDICAL ASSISTANCE.
5A004, 6A005, 6A006, 6A007, 6A008, 6A009, 6A010, 6A011, 6A012, 6A013, 6A014 6A015, 5A016, 6A017, 6A018, 6A021, 6A022, 6A025, 6A026, 6A027, 6A028, 6A038, 6A031, 6A032, 6A033, 6A034, 6A038, 6A039, 6A040, 6A052, 6A053, 6MT01	EYE CONTACT: WASH WITH LARGE AMOUNTS OF WATER. OBTAIN FIRST AID AND MEDICAL ASSISTANCE, IF NEEDED.
\$SNT04, 6MT06, 6MT19, 6MT20, 6PP47, 6RC36, 6RC39, 6RC40, 6RC41, 6RC42, 6RC43, 6RC44, 6RC45, 6RC57, 6RC59, 6RC60, 6RC62, 6RC63, 6RC64, 6RC65, 6RC66, 6RC67, 6RC70, 6RC71, 6RC71, 6RC73, 6RC74, 6RC75, 6RC76, 6RC77, 6RC78, 6RC70, 6RC71, 6RC72, 6RD73, 6RD74, 6RD75, 6RD77, 6RD78, 6RD79, 6RD80	INGESTION: CALL POISON CONTROL CENTER, HOSPITAL EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY.
SRD81, GRD82, GRF74, GRF75, GRF77, GRF86, GRF87, GRF88, GRF89, GRF92, GRG17 GRG18, GRJ65, GRJ66, GRJ67, GRJ68, GRJ71, GRJ72, GRJ84, GRK26, GRK27, GRK32	SECTION 5. FIRE FIGHTING MEASURES
5RK35, 6RK36, 6RK37, 6RK38, 6RK39, 6RK40, 6RK41, 6RK43, 6RK44, 6RK45, 6RK46 5RK47, 6RK48, 6RK49, 6RK83, 6RK84, 6RK85, 6RK87, 6RK94, 6RK95, 6RK96, 6RL82	FIRE FIGHTING PROCEDURES: NOT APPLICABLE
RL99, 6RM02, 6RM05, 6RM06, 6RM11, 6RM15, 6RM16, 6RM17, 6RM20, 1EDJ6, 1EDJ8 LEDK1, 1EDK3, 1EDK5, 1EDK7, 1EDK9, 1EDL2, 1EDL4, 1EDL6, 1EDL8, 1EDN1, 1EDN3	HAZARDOUS PRODUCTS/COMPUSTION: NONE.
EDNS, 1EDN7, 1EDN8, 1EDN9, 1EDP1, 1EDP2, 1EDP3, 1EDP4, 1EDP5, 1EDP6, 1EDP7, 1EDP8, 1EDP9, 1EDP1, 1EDT2, 1EDT3, 1EDT4, 1EDT5, 1EDT6, 1EDT7, 1EDT8, 1EDT9, 1ED	HAZARD RATING SOURCE:
YFN7, 1YFN8, 1YFP1, 1YFP3, 1YFP5, 1YFP7, 1YFP9, 1YFR2, 1YFR4, 1YFR6, 1YFR8	NFPA: HEALTH 1
R 2RVC3, 2RVC4, 2RVC5, 3MHR6, 3MHR7, 3MHR8, 3MHT5, 3MHT6, 4YDE2, 4YDE3 Y 4YDE5, 4YDE6, 4YDE7, 4YDE8, 8AJX9, 8AKT7, 8AKT9, 8AJA4, 8AJA5	FLAMMABILITY 0 REACTIVITY 0 OTHER
ALUO, 8AL07, 8AL08, 8P311, 8UMM7, 8WR85, 9AFE7, 9CJA4, 9HZR8, 9L591, 9L592 VPX1, 9VN03, 1KUK6	
ORTUN	SECTION 6. ACCIDENTAL RELEASE MEASURES
ATERIAL SAFETY DATA SHEET	CLEAN-UP: FOLLOW NORMAL CLEAN UP PROCEDURES.
ORTON USA FORMAT MEDS: ALCOATOO1	SECTION 7. HANDLING AND STORAGE

MSDS: B9248	ITEM: 6		ORDER	: 01	191	1t 3 in WX21 in i 9 4424 LP	L AO 100 NUMBER: U85	3878401
"'is MSDS sho	uld be att	MAT	ERIAL S	SAFE"	TY DA	TA SHEET (MSDS) espective product with the section of the section is a section of the section of		
LAL SAFETY DATA SHE	ET - B9248		*########	#######	########	MSDS NO.: ALCOAT001 OUTBOUND	######################	!#####################################
Associated Grainger Its 4MAC4, 4MAC5, 1YEH3, 1YE	TH4 1YEHS 1YE	H6, 1YEJ2, 1YEJ	3, 1YEJ4,	1YEJ5,	1YEJ6	ALUMINUM CXIDE COATED ABRASIV	/E	
1YER6, 1YER8, 1YEU1, 1YE	III 17ENZ, 17EN	S, IIEK4, IIEP	9, IYERZ,	TYERS,	1YER4 1YEV8	DATE PRINTED: FEB 26, 2010		
1YEV9, 1YEW1, 1YEW2, 1YE 1YEX2, 1YEX3, 1YEX4, 1YE 1YFB8, 1YFB9, 1YFC1, 1YF	MS, IYFBI, IYFE	32. 1YFB3. 1YFB	7, 1YEW8, 4, 1YFB5,	1YEW9, 1YFB6,	1YFB7	GEOGRAPH 1 Grown and		
1YFD1, 1YFD2, 1YFD3, 1YF 1YFH6, 1YFH7, 1YFH8, 1YF						DPODUCT NAME, ALUMINIA OVIDE		INFORMATION ———
1YFU8, 1YFU9, 1YFK1, 1YF	K2, 1YFK3, 1YFK N1, 1YFN4, 1YFN	(4, 1YFK5, 1YFL) 15, 1PP77, 1PP7	3, 1YFL4, 3, 1PP79,	1YFL5, 1PP80,	1YFL6	PRODUCT NAME: ALUMINUM OXIDE TRADE NAME:	COATED ABRASIVE	
1PR56, 1PR57, 1PR58, 1PR	48, 1PR49, 1PR5 59, 1PR95, 1PR9	75, 11FD7, 11FH 12, 1YFU3, 1YFU 14, 1YFK5, 1YFU, 15, 1PP77, 1PP7; 10, 1PR51, 1PR5; 106, 1PT32, 1PT4; 13, 1PT54, 1PT54	2, 1PR53, 3, 1PT44,	1PR54, 1PT45,	1PR55 1PT46	ADALOX OR ABRASIVE CAP CODES:		
1PM41, 1FM42, 2D534, 2D5 2D545, 2D546, 2D547, 2D5 2D556, 2D557, 2D558, 2D5	35, 2D536, 2D53	3, 1PT54, 1PT59 17, 2D538, 2D539	5, 1PT56, 9, 2D542,	2D543,	1PW40 2D544	H1XX, ALXX, A2XX, E2XX, F2XX, C U2XX, W2	G2XX, H2XX, K2XX, Q1XX	Q2XX, R2XX, S2XX
1P145, 1P149, 1P150, 1P1 1PW41, 1P149, 1P150, 1P1 1PW41, 1P149, 2D534, 2D5 2D546, 2D557, 2D558, 2D5 2D546, 2D557, 2D558, 2D5 2D617, 2D618, 2D619, 2D6 2D694, 2D695, 2D696, 2D6 2D706, 2D718, 2D731, 2D7 2D740, 2D731, 2D731, 2D7 2D740, 2D741, 2D742, 2D7 2D799, 2D800, 2D801, 2D8 3DU54, 3DU55, 3DU68, 3DU 3DU65, 3DU67, 3DU68, 3DU 3DU80, 3D083, 3DU84, 3DU 3D080, 3D083, 3D094, 3D093, 3D093, 3D094, 3D093, 3D094, 3D093, 3D094, 3D093, 3D094, 3D093, 3D094, 3D094, 3D093, 3D093, 3D094, 3D094, 3D095, 3D094, 3D095, 3D094, 3D095, 3D094, 3D095, 3D	59, 2D560, 2D59 20, 2D621, 2D62 83, 2D684, 2D68	3, 2D594, 2D599 2, 2D623, 2D624 5, 2D686, 2D68	2, 2D553, 5, 2D596, 1, 2D625, 7, 2D688,	2D597, 2D626, 2D689,	2D555 2D616 2D627 2D690	MANUFACTURER (4): SAINT-GOBAIN ABRASIVES, INC. ONE NEW BOND STREET		
2D706, 2D718, 2D719, 2D7 2D729, 2D730, 2D731, 2D7	21, 2D722, 2D72	3, 2D724, 2D725	2, 2D703, 5, 2D726,	2D727,	2D705 2D728	WORCESTER, MA 01615-0008 (508) 795-5000		
2D740, 2D741, 2D742, 2D7 2D799, 2D800, 2D801, 2D8	43, 2D744, 2D74 02, 2D806, 2D80	5, 2D746, 2D747 7, 2D811, 2D812	5, 2D737, 7, 2D748, 2, 3DU51,	2D738, 2D797, 3DU52,	2D798	REVISION DATE: 1/26/2010		
3DU54, 3DU55, 3DU56, 3DU 3DU65, 3DU67, 3DU68, 3DU	57, 3DU58, 3DU5 69, 3DU70, 3DU7	9, 3DU60, 3DU61 1, 3DU72, 3DU73	, 3DU62, , 3DU75,	3DU63, 3DU76,	3DU64 3DU78	MSDS PRINT FORMAT: NUSA		
3DU80, 3DU83, 3DU84, 3DU 3DU93, 3DU94, 3DU99, 3DV 3DV19, 3DV20, 3DV24, 3DV	85, 3DU86, 3DU8 10, 3DV12, 3DV1	7, 3DU88, 3DU89 3, 3DV14, 3DV15	, 3DU90, , 3DV16,	3DV17,		SECTION 2. COMPOSI	TION/INFORMATION ON IN	GREDIENTS
3DV33, 3EV34, 3DV35, 3EV 3DV44, 3DV15, 3DV46, 3DV				3DV42,	3DV32 3DV43	SUBSTANCE DESCRIPTION	PERCENT	CAS#
3DV55, 3DV56, 3DV57, 3DV5 3DV67, 3DV68, 3PY89, 3PY	58, 3DV59, 3DV6	0, 3DV61, 3DV62 5, 3PY97, 3RA15	, 3DV52, , 3DV63, , 3RA17,	3DV64,	3DV54 3DV65 3RA21	ALUMINUM OXIDE, NON-FIBROUS	15.000 - 25.000	1344-28-1
3RE43, 3RE44, 3RB45, 3RB4	35, 3RB36, 3RB3 46, 3RB47, 3RB4	7, 3RB38, 3RB39 8, 3RB49, 3RB50	, 3RB40, , 3RB51.	3RB41,	3RB42 3RB53	CLOTH OR PAPER BACKING	45.000 - 55.000	N/A
3RB54, 3RB55, 3RB62, 3RB6 3RE71, 3RB76, 3RB78, 3RB6 3RB93, 3RB94, 3RB95, 3RB6	85. 3RB86. 3RB8	5, 3RB66, 3RB67 7, 3RB88, 3RB89	, 3RB68, , 3RB90,	3RB69, 3RB91,	3RB70 3RB92	BINDER SYSTEM **	10.000 - 30.000	N/A
3RB93, 3RB94, 3RB95, 3RB 3RE15, 3RE16, 3RE17, 3RE 3RE26, 3RE27, 3RE28, 3RE	18. 3RE19. 3RE20	0. 3RE21. 3RE22	, 3RE23,	3RE24,		CALCIUM CARBONATE	10.000 - 20.000	1317-65-3
3RE37, 3RE38, 3RE39, 3RE4 3RE48, 3RE49, 3RE50, 3RE5	10, 3RE41, 3RE42 51, 3RE52, 3RE5	3RE43. 3RE44	, 3RE45,	3RE35, 3RE46, 3RE57,		** SUBSTANCE IS A COMPOUND AND OTHER: NOT APPLICABLE	D/OR MIXTURE	
3RE72, 3RE61, 3RE62, 3RE6 3RE72, 3RE73, 3RE74, 3RE7	54, 3RE65, 3RE66 75. 3RE76, 3RE7	5, 3RE67, 3RE68 7, 3RE78, 3RE79	, 3RE69,	3RE70,		OTHER. NOT APPLICABLE		
3RE95, 3RE96, 3RE97, 3RE	37, 3RE88, 3RE89 98. 3RE99. 3RU10	0, 3RU11, 3RU12	, 3RE92, , 3RU13,	3RE93, 3RU14,	3RE94 3RU15	10.000	HAZARDS IDENTIFICATIO	N
3RU16, 3RU17, 3RU18, 3RU1 3F 3RU28, 3RU29, 3RU8 3 3UM88, 3UM89, 3UM	38. 3RY36. 3RY3	7, 3RY38, 3UM60	, 3UM62,	3UM67.	3RU26 3UM86	INHALATION ACUTE EXPOSURE EFFE DUST MAY BE SLIGHTLY IRRITATIN	ECTS: NG TO EYES AND RESPIRA	TORY TRACT AT HIG
3. 3UN14, 3UN15, 3UN1 3UN24, 3UN32, 3UN33, 3UN3	L6, 3UN17, 3UN18	3, 3UN19, 3UN20	, 3UN21,	3UN22,	3UN23 3UN41	CONCENTRATIONS. INHALATION CHRONIC EXPOSURE EF	Presona	
3UN42, 3UP53, 3UP54, 3UP5 3VL59, 3VL62, 3VL63, 3VL6	55, 3UP56, 3VK6]	L, 3VK79, 3VL55	, 3VL56, 3	3VL57,	3VL58 3VM04	CHRONIC: MAY AFFECT BREATHING		
3VM06, 3VM10, 3VM13, 3VM1 3VM29, 3VM31, 3VM33, 3VM3 3VM48, 3VM49, 3VM50, 3VM5 3VM93, 3VM94, 3VM95, 3VM9	14, 3VM15, 3VM18 35, 3VM36, 3VM38 52, 3VM53, 3VM54 97, 3VM98, 3VM99	3, 3VM19, 3VM20 3, 3VM39, 3VM40 1, 3VM88, 3VM89 3, 3VN01, 3VN03	, 3VM22, 3 , 3VM41, 3 , 3VM90, 3	3VM27, 3VM44, 3VM91, 3VN06,	3VM28 3VM46 3VN92	FOR PRODUCTS CONTAINING PHENOL/ INTENDED USE MAY CONTAIN TRACE; EXCESSIVE EXPOSURE MAY CAUSE SK	FORMALDEHYDE RESIN, DU	CRMALDEHVDE MHICH
3VN03, 3VN09, 3VN10, 3VN1 3VP23, 3VW11, 3VW12, 3VW1 3VW29, 3VW42, 3VW45, 3VW4 3VW31, 3VX23, 3VX24, 3VX2	3, 3VW15, 3VW16 8, 3VW49, 3VW59 5, 3VX26, 3VX27	, 3VN14, 3VN15 , 3VW17, 3VW22 , 3VW60, 3VW62 , 3VX30, 3VZ35	3VW23, 3	3VW76, 3	3VP20 3VW28 3VW78 3WH54	FOR PRODUCTS CONTAINING INORGA EXCESSIVE EXPOSURE TO INORGANIC DENSITY.	NIC FLUORIDES:	
3WH72, 3WH73, 3WH76, 3WH7 3WH72, 3WH73, 3WH76, 3WH7 3WH95, 3WJ01, 3WJ03, 3WJ0	9, 3WH61, 3WH64 7, 3WH78, 3WH81 4, 3WJ05, 3WJ07	, 3WH83, 3WH84, 3WJ09	3WH67, 3 3WH85, 3 3WJ10, 3	3WH69, 3 3WH88, 3 3WJ11, 3	3WH71 3WH90 3WJ12 3WJ33	EYE CONTACT ACUTE EXPOSURE EFF SKIN CONTACT ACUTE EXPOSURE EF		TE EYES.
3WJ34, 3WJ36, 3WJ43, 3WJ4 3WJ58, 3WJ59, 3WJ60, 3WJ6	4, 3WJ45, 3WJ46 1, 3WJ62, 3WJ64 8, 3WJ99, 3WK03	, 3WJ47, 3WJ52, , 3WJ68, 3WJ71,	3WJ53, 3 3WJ74, 3	3WJ54, 3	3WJ55 3WJ77	SOME MAY EXPERIENCE SKIN IRRIT	ATION FROM DUST.	
3WJ78, 3WJ79, 3WJ81, 3WJ9 3WK30, 3WK31, 3WK32, 3WK3 3XD43, 3XD44, 3XF01, 3XF4 3XF61, 3XF62, 3XF63, 3XF6	8, 3WJ99, 3WK03 4, 3WK36, 3WK37 7, 3XF50, 3XF51 4, 3XF65, 3XF66	, 3WK09, 3WK18, 3WK40, 3WK41, 3XF56, 3XF57, 3XF68	3WK25, 3 3WK43, 3 3XF58, 3 3XF70, 3	3WK27, 3 3XD39, 3 3XF59, 3	BWK29	INGESTION ACUTE EXPOSURE EFFEC NO KNOWN ADVERSE EFFECTS, BUT	TS: INGESTION NOT RECOMME	NDED.
3XF73, 3XF74, 3XF76, 3XY6 4F862, 4F883, 4F884, 4F88	5, 4F855, 4F856 5, 4F886, 4F887	, 4F857, 4F858, , 4F888, 4F890,	4F859, 4 4F892, 4	F860, 4	F861 F894	SECTION	4. FIRST AID MEASURES	
3W118, 3W119, 3W120, 3W123 3W343, 3W143, 3W178, 3W179, 3W178, 3W179, 3W178, 3W179, 3W178, 3W178, 3W178, 3W178, 3W178, 3W178, 3W178, 3W178, 3W178, 3W174, 3XF63, 3XF	9, 4F900, 4F901 4, 4F915, 4F926 5, 4LL16, 4LL17 7, 5A948, 5A949	, 4F904, 4F905, , 4F927, 4F928, , 4RA91, 4RA92, , 5A950, 5A951,	4F906, 4 4F929, 4 4RA93, 5 5A952, 5	F930, 4 A942, 5 A953, 5	A954	INHALATION: REMOVE TO FRESH AIR. IF BREATHIN GET MEDICAL ATTENTION IMMEDIATE	NG HAS STOPPED, GIVE AR	TIFICIAL RESPIRATI
5A955, 5A956, 5A957, 5A958 5A966, 5A967, 5A968, 5A969 5A980, 5A981, 5A992, 5A983 5A991, 5A992, 5A994, 5A999	8, 5A959, 5A960 9, 5A970, 5A971 3, 5A984, 5A985 5, 5A996, 5A997	, 5A961, 5A962, , 5A972, 5A973, , 5A986, 5A987,	5A963, 5 5A976, 5 5A988, 5	A977, 5 A989, 5	A990	SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP A EYE CONTACT:	AND WATER. OBTAIN MED	ICAL ASSISTANCE.
6A004, 6A005, 6A006, 6A007 6A015, 6A016, 6A017, 6A018 6A031, 6A032, CA033, 6A034 6MT04, 6MT06, 6MT19, 6MT20	7, 6A008, 6A009 3, 6A021, 6A022 4, 6A036, 6A038	, 5A998, 5A999, , 6A010, 6A011, , 6A025, 6A026, , 6A039, 6A040,	6A012, 6 6A027, 6 6A052, 6 6RC41, 6	A013, 6 A028, 6 A053, 6	A014 A030 MT01	WASH WITH LARGE AMOUNTS OF WATER NEEDED.	. OBTAIN FIRST AID AND	MEDICAL ASSISTANC
6RC44, 6RC45, 6RC57, 6RC58 6RC68, 6RC69, 6RC70, 6RC71 6RD69, 6RD70, 6RD71, 6RD72	9, 6RC60, 6RC62, L, 6RC72, 6RC73, 2, 6RD73, 6RD74,	, 6RC39, 6RC40, , 6RC63, 6RC64, , 6RC74, 6RC75, , 6RD75, 6RD77.	6RC41, 61 6RC65, 61 6RC76, 61 6RD78, 61	RC66, 6 RC77, 6	RC43 RC67 RC78 RD80	INGESTION: CALL POISON CONTROL CENTER, HOSP	PITAL EMERGENCY ROOM OR	PHYSICIAN IMMEDIA
6RD81, 6RD82, 6RF74, 6RF75 6RG18, 6RJ65, 6RJ66, 6RJ67	6, 6RF77, 6RF86, 7, 6RJ68, 6RJ71,	6RF87, 6RF88, 6RJ72, 6RJ84,	6RF89, 61 6RK26, 61	RF92, 6 RK27, 6	RG17 RK32		FIRE FIGHTING MEASURES	
6RK35, 6RK36, 6RK37, 6RK38 6RK47, 6RK48, 6RK49, 6RK83 6RL93, 6RM02, 6RM05, 6RM06	6, 6RK39, 6RK40, 6, 6RK84, 6RK85,	6RK41, 6RK43, 6RK87, 6RK94,	6RK44, 61 6RK95, 61	RK96, 61	RL82	FIRE FIGHTING PROCEDURES: NOT F		
1EDK1, 1EDK3, 1EDK5, 1EDK7 1EDN5, 1EDN7, 1EDN8, 1EDN9	7, 1EDK9, 1EDL2, 9, 1EDP1, 1EDP2	1EDL4, 1EDL6,	6RM20, 11 1EDL8, 11 1EDP5, 11	EDN1, 1	EDN3	HAZARDOUS PRODUCTS/CONFUSTION: HAZARD RATING SOURCE:	NONE.	
1EDP8, 1EDP9, 1EDT1, 1EDT2 1EDU1, 1EDU2, 1EDU3, 1EDU4	, 1EDT3, 1EDT4,	1EDT5, 1EDT6, 1EDU7, 1EDU8.	1EDI7, 11 1EDU9, 11	EDT8, 11	EDT9	NFPA:		
1YFN7, 1YFN8, 1YFP1, 1YFP3 1YF 1YFT3, 1YFT5, 1YFT8	, 1YFP5, 1YFP7, , 1YFV1, 1YFV3,	1YFP9, 1YFR2, 1YFV5, 1YFV7,	1YFR4, 1Y 1YFV9, 1Y	YFR6, 11 YFW2, 11	YFR8 YFW4	HEALTH 1 FLAMMABILITY 0		
2R 2RVC3, 2RVC4, 2RVC5 4Y 4YDE5, 4YDE6, 4YDE7	, 3MHR6, 3MHR7, , 4YDE8, 8AJX9,	3MHR8, 3MHT5, 8AKT7, 8AKT8,	3MHT6, 41 8AKT9, 87	YDE2, 43	YDE3	REACTIVITY 0 OTHER		
9VPX1, 9VN03, 1KUK6	, 8UMM7, 8WR85,	9AFE7, 9GJA4,	9HZR8, 9I	.591, 9I	L592	GEOTTON C	Trong and the second	70
NORTON						CLEAN-UP: FOLLOW NORMAL CLEAN U	CIDENTAL RELEASE MEASUR PP PROCEDURES	ES
MATERIAL SAFETY DATA SHEE								
NORTON USA FORMAT MEDS: A	LCOAT001				1.	SECTION 7.	HANDLING AND STORAGE	

M150

HANDLING: HANDLE WITH ADEQUA	ATE VENTI	LATION FOR	NUISANCE DU	ST.					
SECTION 8. EXPO	SURE CONT	ROLS/PERSON	AL PROTECTION	м ———					
VENTILATION PROTECTION: RFCOMMEND USING LOCAL EXHAUST VENTILATION WHEN GENERAL VENTILATION IS NOT ING THE AIREORNE CONCENTRATION BELOW THE TLV.									
RESPIRATORS ARE REQUIRED WHEN	AIRBORNE	E CONTAMINAN	T LEVELS EXC	EED THE TLV(S).					
EYE PROTECTION: ALW YS WEAR CAFETY GLASSES OR	SOME TYP	PE OF EYE PRO	OTECTION WHI	LE SANDING.					
OTHER PROTECTION: USE OF THIS PRODUCT MAY CREATE ELEVATED SOUND LEVELS. HEARING PROTECTION SHOULD BE WORN WHERE REQUIRED (SEE OSHA 29 CFR 1910.134 AND OTHER APPLICABLE REGULATIONS).									
SECTION 9. PH	YSICAL AN	D CHEMICAL I	PROPERTIES -						
APPEARANCE & ODOR: SOLID ART	ICLE. OD	ORLESS.							
		ITY AND REAC							
INCOMPATIBILITIES: AVOID ACT	DS OF ALI	L TYPES WITH	H A pH <4.0.	E					
DECOMPOSITION: IN USE, DUST AND DECOMPOSING O MATERIAL REPOWED FROM THE WORK CANDRAPER COMPONENTS, COOLANTS	CPLACE WIT	I.I. BE STONIE	TONTH V CODE	כת אות לאלואני כתיהים					
FOR PRODUCTS CONTAINING PHENOI MAY PRODUCE TRACE A OUNTS OF	AND FORM	MALDEHYDE RE	SIN, THERMAI CHYDE.	DECOMPOSITION					
FOR PRODUCTS CONTAINING INORGATFACE AMOUNTS OF FLUORIDES.	NIC FLUOR	RIDES, THERM	AL COMPOSITI	ON MAY PRODUCE					
SECTION 11.	TOXICOL	OGICAL INFOR	MATION						
CARCINOGENICITY: NOT APPLICABLE									
LD50/LC50: VALUES ARE NOT APP	PROPRIATE	OR AVAILAB	LE.						
SECTION 1	2. ECOLOG	ICAL INFORMA	ATION —						
CHEMICAL FATE: NOT APPLICABLE	3								
SECTION 13	. DISPOSA	AL CONSIDERA	TIONS						
WASTE DISPOSAL: USE STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE, PT NCIAL AND LOCAL LAWS.									
SECTION 1	4. TRANSF	ORT TMFORMA	TTON						
HAZARD CLASS: THIS FMODUCT IS NOT HAZARDOUS A (USA)				TRANSPORTATION.					
THIS PRODUCT IS "NOT REGULATED' ACT. (CAN)	'UNDER T	HE TRANSPORT	TATION OF DAM	VGEROUS GOODS					
SECTION 15	. REGULAT	TORY INFORMA	TION						
EXPOSURE LIMITS/REGULATORY IN			10.10						
SUBSTANCE DESCRIPTION	UNITS	OSHA	ACGIH	MOL					
LUMINUM OXIDE, NON-FIBROUS	MG/MB	15.0000	10.0000	10.0000					
LOTH OR PAPER BACKING	PPM	0.0000	0.0000	0.0000					
INDER SYSTEM	PPM	0.0000	0.0000	0.0000					
ALCIUM CARBONATE	MG/M3	15.0000	10.0000	0.0000					
EGEND:									
XFOSURE LIMIT DESCRIPTIONS: A PROP 65: NOT APPLICABLE SCA: SECTION 8(B) - INVENTORY	STATUS								
LL COMPONENTS OF THIS PRODUCT A DXIC SUBSTANCE CONTROL ACT.	ARE REGIS	TERED UNDER	THE REGULAT	IONS OF THE					
OMESTIC SUBSTANCE LIST: LL COMPONENTS OF THIS PRODUCT A	ARE FOUND	ON THE DOME	ESTIC SUBSTA	NCE LIST.					
SECTION	16. OTHER	INFORMATIO	N						
ISCLAIMER: E INFORMATION AND RECOMMENDAT: ELIEVED TO BE ACCURATE AS OF IT REFANTY WITH RESPECT TO THE ACC HE RECOMMENDATIONS, AND ASSUM	IONS SET HE DATE H CURACY OF ES NO LIZ	FORTH HEREIN ERBOF; HOWEN THE INFORMA ABILITY TO A	I ARE TAKEN I TER, THE COME TION OR THE ANY USER THE	FROM SOURCES PANY MAKES NO SUITABILITY OF EREOF.					
Y TO ABBREVIATIONS:									
PEQUAL PLESS THAN TYPER THAN OXIMATELY									
DENO DATA AVAILABLE									