

1FID: 00232141
VER DATE: 1998-02-27

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:01:57
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SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: BLACK SUPER WEATHERSTRIP ADHESIVE
ALL SYNONYMS : BLACK SUPER WEATHERSTRIP ADHESIVE
BLACK SUPER WEATHERSTRIP ADHESIVE 82
G.M. BLACK SUPER WEATHERSTRIP ADHESIVE
G.M. BLACK WEATHERSTRIP 2 OZ.
GOODWRENCH WEATHERSTRIP ADHESIVE
HM 6644
LOCTITE BLACK SUPER WEATHERSTRIP ADHESIVE
PERMATEX BLACK SUPER WEATHERSTRIP ADHESIVE PART NO. 82
PERMATEX BLACK SUPER WEATHERSTRIP ADHESIVE 82
PERMATEX 82
SA 2713
WEATHER STRIP ADHESIVE GEL - BLACK
10-1002
12345096
12345097
206447 (OLD FID)
2862
81850
81874
82
82 BLACK SUPER WEATHERSTRIP ADHESIVE
88900391

MSDS SIGNED BY NAME: STEPHEN REPETTO
MSDS SIGNED BY TITLE: RESEARCH CHEMIST - SAFETY, HEALTH & REGULATORY
AFFAIRS.

SAFE USE CATEGORY AND DESCRIPTION: 02 -SOLVENTS - FLASH POINT: < 100 F

LAST UPDATED DATE: 1999-02-03

MANUFACTURER'S ID (MID): 000522786
MANUFACTURER'S NAME: LOCTITE CORP
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 860-571-5100
MANUFACTURER'S MAILING ADDRESS:

1001 TROUT BROOK CROSSING
ALSO SEE GMBA #502982 (PERMATEX)
ROCKY HILL CT 06067-3910
US

CHEMICAL FAMILY NAME: SOLVENT 0109 NEGLIGIBLE

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000067641	R 15.0000/ 20.0000%	W	ACETONE
000078933	R 20.0000/ 25.0000%	W	2-BUTANONE
000108883	R 20.0000/ 25.0000%	W	TOLUENE

000110543	R	10.0000/ 15.0000%	W	HEXANE
001309484	R	1.0000/ 5.0000%	W	MAGNESIUM OXIDE
001332587	R	0.1000/ 1.0000%	W	CLAY (KAOLIN)
001333864	R	0.1000/ 1.0000%	W	CARBON BLACK
009010984	R	10.0000/ 15.0000%	W	1,3-BUTADIENE, 2-CHLORO-, POLYMERS
054579441	R	5.0000/ 10.0000%	W	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol and 4,4'-(1-methylethylidene)bis[phenol]
068527253	R	1.0000/ 5.0000%	W	Naphtha, petroleum, light steam-cracked arom., polymer with light steam-cracked arom. petroleum naphtha piperylene conc. and medium steam-cracked arom. petroleum naphtha
112945525	R	1.0000/ 5.0000%	W	SILICA, AMORPHOUS FUMED

THRESHOLD LIMIT VALUE: METHYL ETHYL KETONE: TLV: 200 PPM TWA. 590 MG/M3. // TOLUENE: 50 PPM SKIN. 188 MG/M3 SKIN. //ACETONE: 500 PPM TWA. 1188 MG/M3, 50 PPM TWA. // MAGNESIUM OXIDE: 10 MG/M3 (FUME) PARTICULATE. // SILICA AMORPHOUS, FUMED, CRYSTAL LINE-FREE: 10 MG/M3 TWA. OTHER: 3 MG/M3 TWA. RESP. DYST. // CARBON BLACK, CLAY: 3.5 MG/M3 TWA. 2 MG/M3 DUST. OTHER: 5 PPM. EXPOSURE LIMITS (STEL) INGREDIENTS: ACCGIH (TLV). // METHYL ETHYL KETONE: 300 PPM. 885 MG/M3. // TOLUENE: NONE. // ACETONE: 750 PPM. 1782 MG/M3.

PERMISSIBLE EXPOSURE LIMIT: METHYL ETHYL KETONE: OSHA (PEL) 200 PPM TWA 590 MG/M3. // TOLUENE: 100 PPM 375 MG/M3. // ACETONE: 750 PPM TWA 1800 MG/M3. // N-HEXANE: 50 PPM TWA 180 MG/M3. // MAGNESIUM OXIDE: 15 MG/M3 (FUME) PARTICULATE. // SILICA, AMORPHOUS, FUMED, CRYSTAL LINE-FREE: 6 MG/M3 TWA. // CARBON BLACK CLAY: 3.5 MG/M3 TWA, 10 MG/M3 DUST, 5 MG/M3 RESPIR. // EXPOSURE LIMITS (STEL) INGREDIENTS: OSHA (PEL): METHYL ETHYL KETONE: 300 PPM 885 MG/M3. // TOLUENE: 150 PPM, 560 MG/M3. // ACETONE: 10000 PPM. 2400 MG/M3.

SARA 313: METHYL ETHYL KETONE, TOLUENE N-HEXANE: THESE COMPONENTS ARE LISTED AS A SARA SECTION 313 TOXIC CHEMICALS.

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR =	Y
EYE PRIMARY ENTRY ROUTE INDICATOR =	Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR =	Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR =	Y

EFFECTS OF OVEREXPOSURE: OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: - 1) LIVER ABNORMALITIES. - 2) KIDNEY DAMAGE - 3) NASAL DAMAGE - 4) BRAIN DAMAGE. - OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: - 1) MILD, REVERSIBLE LIVER EFFECTS/DAMAGE - 2) MILD, REVERSIBLE KIDNEY EFFECTS/DAMAGE - 3) NERVOUS SYSTEM DAMAGE - 4) LUNG DAMAGE - 5) NASAL DAMAGE - 6) TESTIS DAMAGE - 7) CENTRAL NERVOUS SYSTEM EFFECTS. - 8) VISUAL IMPAIRMENT.

EFFECTS OF OVEREXPOSURE - SKIN: EXPOSURE MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, CRACKING AND SKIN BURNS. PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS

MATERIAL. SKIN ABSORPTION IS POSSIBLE, BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM THIS ROUTS OF EXPOSURE UNDER NORMAL CONDITIONS OF HANDLING AND USE.

EFFECTS OF OVEREXPOSURE - EYE: EXPOSURE TO LIQUID OR VAPOR CAUSES MILD EYE IRRITATION. SYMPTOMS MAY INCLUDE BURNING, TEARING, REDNESS, STINGING, BLURRED VISION, AND CORNEAL INJURY.

EFFECTS OF OVEREXPOSURE - INHALATION: SYMPTOMS ARE TYPICALLY SEEN AT AIR CONCENTRATIONS EXCEEDING THE RECOMMENDED EXPOSURE LIMITS. SYMPTOMS OF EXPOSURE MAY INCLUDE: 1) NASAL AND RESPIRATORY IRRITATION (NOSE, THROAT, AND LUNG PRE-EXISTING LUNG DISORDER, E.G. ASTHMA LIKE CONDITIONS, MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL. 2) CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION/EFFECT (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, COMA, AND EVEN DEATH). 3) CARDIAC ARRHYTHMIAS (IRREGULAR HEARTBEAT). 4) COUGH.

EFFECTS OF OVEREXPOSURE - INGESTION: SWALLOWING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN ENTER THE LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMATION AND/OR DAMAGE.

ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONIA WHICH CAN BE FATAL. SYMPTOMS OF EXPOSURE MAY INCLUDE: 1) THROAT IRRITATION. 2) GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA). 3) CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION/EFFECT (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, COMA, AND EVEN DEATH). 4) HIGH BLOOD SUGAR.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: TOLUENE: EYE, LIVER, SKIN, RESPIRATORY AND CENTRAL NERVOUS SYSTEM DISEASES; ALCOHOLISM. METHYL ETHYL KETONE: EYE PROBLEMS, SKIN AND RESPIRATORY DISORDERS. THESE OR OTHER COMPONENTS MAY ALSO AGGRAVATE PRE-EXISTING DISORDERS OF THESE ORGANS: LIVER, KIDNEY, NERVOUS SYSTEM, LUNG, NOSE, EYES).

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED, APPLY A CLEAN DRESSING AND SEEK IMMEDIATE MEDICAL ATTENTION. IF SKIN IS NOT DAMAGED, WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTONS PERSIST, SEEK MEDICAL ATTENTION. LAUNDRER CLOTHING BEFORE REUSE. // -

EMERGENCY FIRST AID PROCEDURES - EYES: IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART. SEEK MEDICAL ATTENTION.

EMERGENCY FIRST AID PROCEDURES - INHALATION: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION. KEEP PERSON WARM AND QUIET. IF PERSON IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING. THIS MATERIAL IS AN ASPIRATION HAZARD. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. SEEK MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONIA, WHICH CAN BE FATAL.

SECTION 05: FIRE-FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HMIS CODES:

HMIS REACTIVITY CODE =	0
HMIS HEALTH CODE =	2
HMIS FLAMMABILITY CODE =	3
HMIS PERSONAL PROTECTION CODE =	C
NFPA CODES:	
NFPA FLAMMABILITY CODE =	3
NFPA HEALTH CODE =	2
NFPA REACTIVITY CODE =	0

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE; DIKE AREA TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS, WHICH SHOULD BE KEPT CLOSED UNTIL DISPOSAL. PREVENT RUN-OFF TO SEWERS, OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURED.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY FROM HEAT AND FLAMES. SERVICE 1-800-243-4878 FOR SELF LIFEINFORMATION). // - KEEP CONTAINER CLOSED. // LOSSEN CLOSURE CAUTIONSLY BEFORE OPENING. // STORE IN A COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBILE MATERIALS (OXIDIZING AGENTS AND ACIDS). // KEEP AWAY FROM HEAT, SPARKS, AND FLAME. // PROTECT MATERIAL FROM DIRECT SUNLIGHT. // GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIALS. // EMPTY CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. // FOLLOW ALL MSDS/LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPES OF SAFETY GLASSES. CONSULT YOUR SAFETY REPRESENTATIVE FOR SPECIFIC RECOMMENDATIONS.

SKIN PROTECTION: WEAR RESISTANT GLOVES. CONSULT YOUR SAFETY REPRESENTATIVE FOR SPECIFIC RECOMMENDATIONS. TO PREVENT PROLONGED OR REPEATED SKIN CONTACT, WEAR IMPERIOUS CLOTHING AND BOOTS. CONSULT YOUR SAFETY REPRESENTATIVE FOR SPECIFIC RECOMMENDATIONS.

RESPIRATORY PROTECTION: A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

VENTILATION: SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV AND LOWER EXPLOSIVE LIMIT. EXPLOSION PROOF EQUIPMENT SHOULD BE CONSIDERED. LOCAL AND GENERAL MECHANICAL EXHAUST VENTILATION SHOULD BE USED.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

OTHER VOLATILE ORGANIC COMPOUND RELATED DATA: 71.20%

BOILING POINT TEMPS: R 133.00F

SPECIFIC GRAVITY VALUES: = 0.9100

VAPOR DENSITY VALUES: = 2.7100

VAPOR PRESSURE VALUES/UOM: = 181.0000

EVAPORATION RATE VALUES: = 2.71

PH OF PRODUCT IN SOLUTION WITH WATER/VALUE: N/A

APPEARANCE: BLACK LIQUID

PHYSICAL STATE: LIQ

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: HEAT, SPARKS, FLAMES, AND OTHER
SOURCES OF IGNITION

STABILITY - TEXT: STABLE

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS, ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: IRRITATING TO THE EYES, SKIN, AND
RESPIRATORY TRACT. EXPOSURE TO VAPOR OR MIST IS POSSIBLE. SHORT-TERM
INHALATION TOXICITY IS LOW. BREATHING SMALL AMOUNTS DURING NORMAL
HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; BREATHING LARGE
AMOUNTS MAY BE HARMFUL. SINGLE DOSE TOXICITY IS LOW. SWALLOWING SMALL
AMOUNTS DURING NORMAL HANDLING LARGE AMOUNTS MAY BE HARMFUL EFFECTS;
SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. - SOME REPORTS HAVE ASSOCIATED
REPEATED AND PROLONGED EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN DAMAGE
AND NERVOUS SYSTEM DAMAGE (SOMETIMES REFERRED TO AS "SOLVENT" OR
"PAINTER'S SYNDROME"). // - SYMPTOMS REPORTED INCLUDED FATIGUE,
CONCENTRATION DIFFICULTIES, ANXIETY, DEPRESSION, RAPID MOOD SWINGS, AND
SHORT-TERM MEMORY LOSS. THESE REPORTS ARE NOT CLEAR WITH REGARDS TO THE
TYPE OF SOLVENTS CONTROVERSY AMONG SCIENTISTS AS TO WHETHER THE
CONDITION EXISTS OR IS CAUSED BY THIS TYPE OF PRODUCT. SINCE MANY
DISEASES CAUSE SOME OR ALL OF THESE SYMPTONS, A DOCTOR SHOULD BE
CONSULTED IF ANY SYMPTOMS APPEAR. // - THIS MATERIAL (OR A COMPONENT)
HAS BEEN SHOWN TO CAUSE HARM TO THE FETUS IN LABORATORY ANIMAL STUDIES.
HARM TO FETUS OCCURS ONLY AT EXPOSURE LEVELS THAT HARM THE PREGNANT
ANIMALS. THE RELEVANCE TO THESE FINDINGS TO HUMANS IS UNCERTAIN. // -

THIS MATERIAL (OR A COMPONENT) SHORTENS THE TIME OF ONSET OR WORSENS THE LIVER AND KIDNEY DAMAGE INDUCED BY OTHER CHEMICALS. - TOLUENE: INTENTIONAL MIUSE BY DELIBERATE INHALATION OF TOLUENE HAS BEEN ASSOCIATED WITH LIVER, KIDNEY AND BRAIN DAMAGE IN HUMANS. REPEATED EXPOSURE TO TOLUENE HAS BEEN ASSOCIATED WITH HIGH FREQUENCY HEARING LOSS BASED ON EVIDENCE IN LABORATORY ANIMALS; THE HUMAN HEALTH CONSEQUENCES OF THIS FINDING IS UNCERTAIN. // - BASED ON ANIMAL STUDIES, EXPOSURE TO METHYL ETHYL KETONE (MEK) INCREASES THE ONSET OF PERIPHERAL NEUROPATHY CAUSED BY EXPOSURE TO METHYL BUTYL KETONE (MBK) AND/OR N-HEXANE, AND/OR ETHYL BUTYL KETONE (MEK), ALONE, HAS NOT BEEN SHOWN TO CAUSE PERIPHERAL NEUROPATHY. // - N-HEXANE: PROLONGED AND REPEATED EXPOSURE TO N-HEXANE MAY CAUSE PERIPHERAL NEUROPATHY BY DAMAGING PERIPHERAL NERVE TISSUE (THAT OR ARMS AND LEGS) AND RESULT IN MUSCULAR WEAKNESS AND LOSS OF SENSATION.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS
EPA HAZARDOUS WASTE NUMBER: D001/D035 - HAZARDOUS WASTE PER 40 CFR 261.21 AND TCLP WASTE PER 261.24/METHYL ETHYL KETONE AND BENZENE.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT (49 CFR 172) DOMESTIC GROUND TRANSPORT: CONSUMER COMMODITY (NOT MORE THAN ONE LITER)

SHIPPING NAME: ADHESIVES (MORE THAN ONE LITER)

HAZARD CLASS: DRM-D (NOT MORE THAN ONE LITER), CLASS 3, PACKING GROUP II (MORE THAN ONE LITER);

U.N. CODE: NONE (NOT MORE THAN ONE LITER); UN 1133 (MORE THAN ONE LITER).

SECTION 14 - OTHER INFORMATION: MARINE POLLUTANT: NONE IATA: PROPER SHIPPING NAME: ADHESIVES. // - CLASS OR DIVISION: CLASS 3, PACKING GROUP II. // - UN OR ID NUMBER: UN 1133

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: CA PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SAFE USE CATEGORY AND DESCRIPTION :

02 SOLVENTS - FLASH POINT: < 100 F

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000067641 ACETONE

REG:

0001,0003,0006,0012,0014,0016,0017,0019,0020,0023,0031,0032
0034,0037,0038,0039,0048,0053,0056,0058,0061,0063,0065,0068

0069,0070,0084,0087,0089,0091,0104,0109,0122,0123

CAS#: 000078933 2-BUTANONE

REG:

0001,0003,0004,0006,0007,0012,0014,0016,0017,0019,0020,0023
0031,0032,0036,0037,0038,0039,0047,0048,0056,0058,0061,0063
0065,0066,0068,0069,0076,0083,0084,0088,0089,0091,0104,0109
0123

HHS:

REFER TO THE APPROPRIATE SAFE USE INSTRUCTION FOR HEALTH HAZARD
INFORMATION.

CAS#: 000108883 TOLUENE

REG:

0003,0004,0006,0007,0008,0009,0010,0011,0012,0014,0015,0016
0017,0019,0020,0021,0023,0031,0032,0034,0036,0037,0038,0039
0042,0047,0048,0050,0056,0058,0059,0061,0063,0064,0065,0066
0068,0070,0078,0083,0084,0088,0089,0091,0104,0105,0106,0109
0123

HHS:

REFER TO THE APPROPRIATE SAFE USE INSTRUCTIONS FOR HEALTH HAZARD
INFORMATION.

CAS#: 000110543 HEXANE

REG:

0001,0003,0004,0012,0017,0019,0031,0032,0034,0037,0038,0039
0042,0047,0048,0056,0061,0063,0065,0066,0068,0069,0084,0085
0087,0088,0089,0104,0123

HHS:

LONG-TERM OVEREXPOSURE MAY RESULT IN LIMB NUMBNESS, MUSCLE WEAKNESS,
FATIGUE. TESTICULAR DAMAGE.

CAS#: 001309484 MAGNESIUM OXIDE

REG:

0001,0003,0012,0017,0019,0032,0038,0039,0056,0061,0063,0065
0084,0122

CAS#: 001332587 CLAY (KAOLIN)

REG:

0003,0012,0017,0039,0061

CAS#: 001333864 CARBON BLACK

REG:

0001,0003,0012,0019,0038,0039,0042,0056,0061,0065,0084,0113
0122

HHS:

IARC CLASSIFICATION OF 2B - POSSIBLY CARCINOGENIC TO HUMANS.

CAS#: 009010984 1,3-BUTADIENE, 2-CHLORO-, POLYMERS

REG:

0012

CAS#: 054579441 Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol

REG:

0012

CAS#: 068527253 Naphtha, petroleum, light steam-cracked arom., polymer

REG:

0004,0012

HHS:

REFER TO THE APPROPRIATE SAFE USE INSTRUCTION FOR HEALTH HAZARD INFORMATION.

CAS#: 112945525 SILICA, AMORPHOUS FUMED

REG:

0093,0098

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0018	NY SAN 22.8	0019	MA SUBST	0020	NJ ENV SUBST
0021	TOX ORGANICS	0022	MD CLASS I	0023	MD CLASS II
0024	EPA-ATC-I	0026	EPA-CHEMCONC	0027	WB VERY TOX
0028	WB OTHER TOX	0031	ALLGHNY CTY	0032	IL-RTK
0033	OSHA-HHCL	0034	FLT CRIT IND	0035	GM-AHC
0036	PRO EP TOX	0037	MO SPECIES	0038	MO-RTK
0039	ONT 654-86	0040	ONT DES SUB	0041	SARA312EXHAZ
0042	WI TABLE 1	0043	WI TABLE 2	0047	SARA 313
0048	CERCLASEC103	0049	P-65 CARCINO	0050	P-65 REP TOX
0051	MD CLSI .11	0052	MD CLSI .12	0053	MD CLSII .12
0054	CT 29-1	0055	CT 29-2	0056	CT 29-3
0058	EPA261.33(F)	0059	CA AIR TOX 1	0060	CA AIR TOX 2
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0067	NV HIGH HAZ.
0068	MI 307-CARC	0069	MI 307-NCARC	0070	MICH AIR
0071	CAA602 CLSI	0075	C	0076	D
0078	GREAT LAKES	0080	METALS	0082	EPA 112(R)
0083	TSCA 8(D))	0084	GM OEG	0085	TSCA-TEST
0087	TSCA 12(B)	0088	NAT. POLL. REL	0089	NY CHEM BULK
0090	GL PERSIST	0091	LAND DISP. - II	0092	UAW/GM AUDIT
0093	TSCA - SPECIAL	0095	FIFRA REG MAT	0098	DSL - CANADA
0099	NDSL - CANADA	0102	GM 1000M	0103	CAA SEC. 112(R)
0104	CERCLA-HAZWOPER	0105	GLPPP-SPECIFIC	0106	GLPPP-SPECIFIC
0107	PET. DISTILLATE	0109	APPENDIX IX	0110	GLOBAL WARM CMP
0112	RCRA PBT -DRAFT	0113	IARC-GROUP 2B	0115	IARC-GROUP 1
0116	GMW 3059-RESTR.	0117	GMW 3059-REPORT	0118	T.W. REPORT
0121	HEX CHROME, PB,	0122	ACDM-REPORTING	0123	MDEQ PART 5

GMBA/PLANT USING THIS FID:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE
GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE
GMBA: 000550966 GM PROVING GROUND - MILFORD
CISCO: 94017;
STATUS :ACTIVE
GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE
CISCO: 96003;

STATUS :ACTIVE

GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE

STATUS :ACTIVE

GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK

CISCO: 99004;

STATUS :ACTIVE

GMBA: 000557375 SPO - CONTRACT HOUSE

CISCO: 99011;

STATUS :ACTIVE