DATA SHEET	3M 3M Center St. Paul, Minnesota 55144-1000 1-800-364-3577 or (65	51) 737-6501 (2	24 hour	s)	
All rights r information is allowed p 1) the infor prior agr 2) neither t	2001, Minnesota Mining a reserved. Copying and/o for the purpose of prop provided that: mation is copied in ful reement is obtained from the copy nor the origina- ted with the intention of	or downloading perly utilizing 11 with no chan a 3M, and al is resold or	of thi g 3M pr nges un c other	s oducts less wise	
TRADE NAME: 2135 CABLE REPAIR ID NUMBER/U.P.C.: 78-8064-2150-5 78-8125-9326-3 80-6112-0135-3 C	78-809 80-610 00-54007-43535-8 80-611 80-611 10-54007-44461-9 ., 2001 2001)7-3467-7 00-5 L2-0153-6 -	-	0433-7	
1. INGREDIENT		C.A.S. NO.		PERCENT	
1. INGREDIENT		C.A.S. NO.		PERCENT	
1. INGREDIENT		C.A.S. NO.		PERCENT	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer	d polyButadiene	C.A.S. NO. None 154517-54-1	15	PERCENT N/A - 40	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer L,1'-METHYLENEBIS(I	d polyButadiene	C.A.S. NO. None	15	PERCENT N/A - 40	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer L,1'-METHYLENEBIS(I L,2-BENZENEDICARBOX ESTER, BRANCHED A	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR	C.A.S. NO. None 154517-54-1	15 15	PERCENT N/A - 40 - 40	
1. INGREDIENT PART A IDI-PPO-Hydrogenate Polymer .,1'-METHYLENEBIS(I .,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9	15 15 10 10	PERCENT N/A - 40 - 40 - 30 - 30	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer 1,1'-METHYLENEBIS(I 1,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR YLENEBIS[ISOCYANATO-,	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9	15 15 10 10	N/A - 40 - 40 - 30	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer 1,1'-METHYLENEBIS(I 1,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER CRIETHYL PHOSPHATE. PART B	ed polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-,	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9	15 15 10 10	PERCENT N/A - 40 - 40 - 30 - 30	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer 1.1'-METHYLENEBIS(I 2.2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B 1,3-BUTADIENE, HOMO	ed polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-,	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0	15 15 10 10 0.5	N/A - 40 - 40 - 30 - 30 - 1.5 N/A	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ,3-BUTADIENE, HOMO TERMINATED	ed polyButadiene SOCYANATOBENZENE) XYLIC ACID, DIUNDECYL ND LINEAR YLENEBIS[ISOCYANATO-,	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None	15 15 10 10 0.5	N/A - 40 - 40 - 30 - 30 - 1.5 N/A	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ,3-BUTADIENE, HOMO TERMINATED DECABROMODIPHENYL E ,2-BENZENEDICARBOX	d polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS] COPOLYMER, HYDROXY- CTHER. CYLIC ACID, DIUNDECYL	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5	15 15 10 10 0.5	N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 30 - 30	
1. INGREDIENT PART A IDI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ,3-BUTADIENE, HOMO TERMINATED PECABROMODIPHENYL E ,2-BENZENEDICARBOX ESTER, BRANCHED A	d polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS] COCYANATOBENZENE COCYANATO COCYANA	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5	15 15 10 10 0.5 10 10 10 7	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 30 - 13	
1. INGREDIENT PART A IDI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ,3-BUTADIENE, HOMO TERMINATED DECABROMODIPHENYL F ,2-BENZENEDICARBOX ESTER, BRANCHED A ELYCOLS, POLYPROPYL	ed polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-, DPOLYMER, HYDROXY- THER. YLIC ACID, DIUNDECYL ND LINEAR ENE.	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4	15 15 10 10 0.5 10 10 7 7	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 30 - 1.3 - 13 - 13	
1. INGREDIENT PART A IDI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ART B PART B PART B 2ART	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR LENEBIS[ISOCYANATO-, OPOLYMER, HYDROXY- THER YLIC ACID, DIUNDECYL ND LINEAR	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4	15 15 10 10 0.5 10 10 10 7 7 5	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 13 - 13 - 13 - 10	
1. INGREDIENT PART A DI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A SENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ,3-BUTADIENE, HOMO TERMINATED PECABROMODIPHENYL F ,2-BENZENEDICARBOX ESTER, BRANCHED A SLYCOLS, POLYPROPYI NTIMONY TRIOXIDE I,N-DI(2-HYDROXYPRO	d polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS] COCYANATOBENZENE COCYANATO COCYA	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4 3077-13-2	15 15 10 10 0.5 10 10 10 7 7 5 5	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 1.5 N/A - 30 - 10 - 10	
1. INGREDIENT PART A DI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ,3-BUTADIENE, HOMO TERMINATED PECABROMODIPHENYL E ,2-BENZENEDICARBOX ESTER, BRANCHED A ELYCOLS, POLYPROPYL NTIMONY TRIOXIDE J,N-DI(2-HYDROXYPRO DIPROPYLENE GLYCOL.	d polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS] COCYANATOBENZENE, CLENES, CLENES, CLENES, CLE	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4 3077-13-2 25265-71-8	15 15 10 10 0.5 10 10 7 7 5 5 3	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 1.5 N/A - 30 - 10 - 10 - 7	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer 1.1'-METHYLENEBIS(I 2.2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B CRIETHYL PHOSPHATE. PART B DECABROMODIPHENYL E 1.2-BENZENEDICARBOX ESTER, BRANCHED A ESTER, BRANCHED A ELYCOLS, POLYPROPYI ANTIMONY TRIOXIDE 1,N-DI(2-HYDROXYPRC DIPROPYLENE GLYCOL. CASTOR OIL	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR TLENEBIS[ISOCYANATO-, DPOLYMER, HYDROXY- THER YLIC ACID, DIUNDECYL ND LINEAR ENE DPYL)ANILINE	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4 3077-13-2 25265-71-8 8001-79-4	15 15 10 10 0.5 10 10 7 7 5 5 3 3	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 30 - 13 - 13 - 13 - 10 - 10 - 7 - 7	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer ,1'-METHYLENEBIS(I ,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B ABUTADIENE, HOMO TERMINATED PART B PART	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR LENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS] COLYMER, HYDROXY- CLENE CYLIC ACID, DIUNDECYL ND LINEAR ENE COLYMER, HYDROXY- CLENE COLYMER, HYDROXY-	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4 3077-13-2 25265-71-8 8001-79-4 12736-96-8	15 15 10 10 0.5 10 10 7 7 5 5 3 3 3 3	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 13 - 13 - 13 - 10 - 7 - 7 - 7 - 7	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer 1,1'-METHYLENEBIS(I 1,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B PART B PA	d polyButadiene SOCYANATOBENZENE) CYLIC ACID, DIUNDECYL ND LINEAR CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO, CLENEBIS	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4 3077-13-2 25265-71-8 8001-79-4 12736-96-8 13680-35-8	15 15 10 10 0.5 10 10 7 7 5 5 3 3 3 1	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 13 - 13 - 13 - 13 - 10 - 7 - 7 - 7 - 5	
1. INGREDIENT PART A MDI-PPO-Hydrogenate Polymer 1,1'-METHYLENEBIS(I 1,2-BENZENEDICARBOX ESTER, BRANCHED A BENZENE, 1,1'-METHY HOMOPOLYMER RIETHYL PHOSPHATE. PART B PART B P	d polyButadiene SOCYANATOBENZENE) YLIC ACID, DIUNDECYL ND LINEAR LENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS[ISOCYANATO-, CLENEBIS] COLYMER, HYDROXY- CLENE CYLIC ACID, DIUNDECYL ND LINEAR ENE COLYMER, HYDROXY- CLENE COLYMER, HYDROXY-	C.A.S. NO. None 154517-54-1 26447-40-5 85507-79-5 39310-05-9 78-40-0 None 69102-90-5 1163-19-5 85507-79-5 25322-69-4 1309-64-4 3077-13-2 25265-71-8 8001-79-4 12736-96-8	15 15 10 10 0.5 10 10 7 7 5 5 3 3 3 3	PERCENT N/A - 40 - 40 - 30 - 30 - 1.5 N/A - 30 - 13 - 13 - 13 - 10 - 7 - 7 - 7 - 7	

MSDS: 2135 CABLE REPAIR COMPOUND November 01, 2001 PAGE 2 _____ 1. INGREDIENT C.A.S. NO. PERCENT _____ TRIETHYLENEDIAMINE..... 280-57-9 0.1 - 1 < 0.04 The components of this product are in compliance with the chemical notification requirements of TSCA. This product contains the following toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372: DECABROMODIPHENYL ETHER ANTIMONY TRIOXIDE ARSENIC _____ 2. PHYSICAL DATA _____ BOILING POINT: N/D VAPOR PRESSURE: N/D VAPOR DENSITY: N/D EVAPORATION RATE: N/D SOLUBILITY IN WATER:..... nil Reacts SPECIFIC GRAVITY:.... 1.23 g/cc Part A:1.08; Part B: 1.29 PERCENT VOLATILE:.....0 pH:..... N/A VISCOSITY:..... Part A: 1250 cps; Part B: 4250 cps MELTING POINT:..... N/D APPEARANCE AND ODOR: Liquid, Part A:Clear amber liquid; Part B: Black viscous liquid _____ 3. FIRE AND EXPLOSION HAZARD DATA _____ FLASH POINT:..... > 230 F CC Part A and Part B: FLAMMABLE LIMITS - LEL:..... N/D FLAMMABLE LIMITS - UEL:..... N/D AUTOIGNITION TEMPERATURE:..... N/D EXTINGUISHING MEDIA: Water spray, Carbon dioxide, Dry chemical, Foam SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and _____ Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: 2135 CABLE REPAIR COMPOUND November 01, 2001 PAGE 3 _____ 3. FIRE AND EXPLOSION HAZARD DATA (continued) _____ protective covering for exposed areas of the head. UNUSUAL FIRE AND EXPLOSION HAZARDS: See Hazardous Decomposition section for products of combustion. Closed containers exposed to heat from fire may build pressure and explode. NFPA HAZARD CODES: HEALTH: 2 FIRE: 1 REACTIVITY: 0 UNUSUAL REACTION HAZARD: reacts with water OSHA FIRE HAZARD CLASS: Class IIIB Combustible Liquid _____ 4. REACTIVITY DATA _____ STABILITY: Stable INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID: Strong Bases, Amines, Alcohols, Water. Reaction with water, alcohols and amines is not hazardous if container can vent to the atmosphere to prevent pressure buildup. This refers to the Part A (prepolymer). HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Hydrogen Cyanide, Oxides of Antimony, Isocyanates, Toxic Vapors, Gases or Particulates, Irritant Vapors or Gases. _____ 5. ENVIRONMENTAL INFORMATION _____ SPILL RESPONSE: Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Contain spill. Evacuate unprotected personnel from hazard area. Pour isocyanate decontaminant solution (90% water,8% concentrated ammonia, 2% detergent) on spill and allow to react for 10 minutes. Alternatively, pour water on spill and allow to react for more than 30 minutes. Cover with absorbent. Place in an approved drum, but do not seal the drum for 48 hours to avoid possible pressure buildup. Neutralize spill residue with decontaminant solution. Avoid contact with water.

MSDS: 2135 CABLE REPAIR COMPOUND November 01, 2001 PAGE 4 _____ 5. ENVIRONMENTAL INFORMATION (continued) _____ RECOMMENDED DISPOSAL: Cure product according to product instructions. Dispose of completely cured (or polymerized) material in a sanitary landfill. Disposal alternative: Incinerate uncured waste in an industrial or commercial incinerator. ENVIRONMENTAL DATA: Not determined. **REGULATORY INFORMATION:** Volatile Organic Compounds: N/D. VOC Less H2O & Exempt Solvents: N/D. Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = D003 (Reactive) D004 (Arsenic) EPCRA HAZARD CLASS: FIRE HAZARD: No PRESSURE: No REACTIVITY: Yes ACUTE: Yes CHRONIC: Yes _____ 6. SUGGESTED FIRST AID _____ EYE CONTACT: Immediately flush eyes with large amounts of water. Get immediate medical attention. SKIN CONTACT: Immediately wash skin with soap and large amounts of water. Remove contaminated clothing. If signs/symptoms occur, call a physician. Wash contaminated clothing before reuse and dispose of contaminated shoes. INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention. IF SWALLOWED: Do not induce vomiting. Drink two glasses of water. Call a physician.

PAGE 5

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles.

SKIN PROTECTION:

Avoid skin contact. Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, nitrile rubber, polyethylene/ethylene vinyl alcohol, polyethylene/polyvinylidene chloride (Saranex), polyvinyl alcohol, polytetrafluoroethylene (Teflon), fluoroelastomer (Viton). Use one or more of the following personal protection items as necessary to prevent skin contact: apron, coveralls, butyl rubber, nitrile rubber, polyethylene/ethylene vinyl alcohol, polyethylene/polyvinylidene chloride (Saranex), polyvinyl alcohol, polyethylene/polyvinylidene (Teflon), fluoroelastomer (Viton).

RECOMMENDED VENTILATION:

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust for heat curing. Use in a well-ventilated area. Use with adequate dilution ventilation. If exhaust ventilation is not available, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of vapors created during the cure cycle. Avoid prolonged breathing of vapors. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Store in a cool place. Store away from heat. Store out of direct sunlight. Keep container closed when not in use. Keep container in well-ventilated area. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Prevent all sources of ignition. Combustible liquid and vapor. Avoid contact with water. No smoking while handling this material. Do not heat under confinement.

OTHER PRECAUTIONARY INFORMATION:

For industrial or professional use only.

PAGE 6

7. PRECAUTIONARY INFORMATION (continued)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH SKIN*
PART A MDI-PPO-Hydrogenated polyButadiene	NONE	NONE	NONE	NONE
Polymer	NONE	NONE	NONE	NONE
METHYLENEBIS(ISOCYANATOBENZENE)	0.005	PPM	TWA	ACGIH
METHYLENEBIS(ISOCYANATOBENZENE) 1,2-BENZENEDICARBOXYLIC ACID,	0.02	РРМ	CEIL	OSHA
DIUNDECYL ESTER, BRANCHED AND LINEAR BENZENE, 1,1'-	NONE	NONE	NONE	NONE
METHYLENEBIS[ISOCYANATO-,				
HOMOPOLYMER	NONE	NONE	NONE	NONE
TRIETHYL PHOSPHATE	NONE	NONE	NONE	NONE
PART B 1,3-BUTADIENE, HOMOPOLYMER,	NONE	NONE	NONE	NONE
HYDROXY-TERMINATED	NONE	NONE	NONE	NONE
DECABROMODIPHENYL ETHER	5	MG/M3	TWA	CMRG
DECABROMODIPHENYL ETHER	5	MG/M3	TWA	AIHA
1,2-BENZENEDICARBOXYLIC ACID, DIUNDECYL ESTER, BRANCHED AND	5	1107 113	1 11 1	711111
LINEAR	NONE	NONE	NONE	NONE
GLYCOLS, POLYPROPYLENE	10	MG/M3	TWA	AIHA
,	AS F	PARTICULATE		
ANTIMONY TRIOXIDE	0.5	MG/M3	TWA	ACGIH
	as S	b		
N,N-DI(2-HYDROXYPROPYL)ANILINE	NONE	NONE	NONE	NONE
DIPROPYLENE GLYCOL	NONE	NONE	NONE	NONE
CASTOR OIL	10	MG/M3	TWA	OSHA
	AS M	IST		
ALUMINUM POTASSIUM SODIUM SILICATE 4,4'-METHYLENEBIS(2,6-	NONE	NONE	NONE	NONE
DIETHYLANILINE)	NONE	NONE	NONE	NONE
CARBON BLACK	3.5	MG/M3	TWA	ACGIH
CARBON BLACK	3.5	MG/M3	TWA	OSHA
CARBON BLACK	0.5	MG/M3	TWA	CMRG
AMORPHOUS SILICA	NONE	NONE	NONE	NONE
ANTIOXIDANT	NONE	NONE	NONE	NONE
TRIETHYLENEDIAMINE	NONE	NONE	NONE	NONE
ARSENIC	0.01	MG/M3	TWA	OSHA
ARSENIC	0.01	MG/M3	TWA	ACGIH
ARSENIC	0.005	MG/M3	TWA	OSHA
	OSHA	A ACTION LE	VEL	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route

PAGE 7

EXPOSURE LIMITS (continued)

INGREDIENT VALUE UNIT TYPE AUTH SKIN* _____ including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption. SOURCE OF EXPOSURE LIMIT DATA: - ACGIH: American Conference of Governmental Industrial Hygienists - AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline - CMRG: Chemical Manufacturer Recommended Exposure Guidelines - OSHA: Occupational Safety and Health Administration - NONE: None Established _____ 8. HEALTH HAZARD DATA _____ EYE CONTACT: Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision. SKIN CONTACT: Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching. Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness. Allergic contact dermatitis may occur in certain susceptible individuals after contact with Part A (prepolymer) and the mixture of Part A with Part B (polyol). INHALATION: Serious illness requiring medical attention or death may result from a single exposure by inhalation to a relatively small amount of this material. Vapors of the uncured product may cause irritation of the respiratory system. Prolonged or repeated overexposure, above recommended guidelines, may cause: Allergic Respiratory Reaction: signs/symptoms can include difficulty breathing, wheezing, tightness of chest, and respiratory failure. Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss. Irritation (upper respiratory): signs/symptoms can include _____ Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

8. HEALTH HAZARD DATA (continued)

soreness of the nose and throat, coughing and sneezing.

Lung Damage: signs/symptoms can include coughing, difficulty breathing, wheezing, tightness in chest, congestion, and coughing up of blood.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Prolonged or repeated exposure may cause:

Liver Effects: signs/symptoms can include yellow skin(jaundice) and tenderness of upper abdomen.

IF SWALLOWED:

Illness may result from a single swallowing of a moderate quantity of this material.

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Ingestion may cause:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

CANCER:

WARNING: Contains a chemical which can cause cancer. (1309-64-4) (ACGIH suspected human carcinogen A2, IARC possible human carcinogen 2B, Calif. Proposition 65)

WARNING: Contains a chemical which can cause cancer. (1333-86-4) (IARC possible human carcinogen 2B)

MSDS: 2135 CABLE RE November 01, 2001	PAIR COMPOUND			PAGE	9			
SECTION CHANGE DATES								
HEADING	SECTION CHANGE	D SINCE May 15,	2001	ISSUE				

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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