

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
 1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: AUTOMOTIVE AFTERMARKET
 TRADE NAME:
 3M Super Weatherstrip Adhesive - Black, P.N. 08008
 ID NUMBER/U.P.C. :
 60-9800-3122-7 00-51135-08008-5
 ISSUED: March 28, 2001
 SUPERSEDES: August 28, 2000
 DOCUMENT: 08-0531-7

1. INGREDIENT	C.A.S. NO.	PERCENT
METHYL ETHYL KETONE.....	78-93-3	20.0 - 30.0
NAPHTHA (PETROLEUM), SOLVENT-REFINED LIGHT.....	64741-84-0	15.0 - 25.0
PHENOLIC POLYMER - NJ TRADE SECRET REGISTRY NO. 04499600-6305.....	TradeSecret	10.0 - 25.0
POLYCHLOROPRENE.....	9010-98-4	10.0 - 20.0
n-HEXANE.....	110-54-3	7.0 - 13.0
TOLUENE.....	108-88-3	5.0 - 10.0
MAGNESIUM OXIDE.....	1309-48-4	1.0 - 10.0
2-CHLORO-1,3-BUTADIENE POLYMERS AND COPOLYMERS.....	Mixture	1.0 - 10.0
XYLENE.....	1330-20-7	1.0 - 5.0
CYCLOHEXANE.....	110-82-7	< 1.0
CARBON BLACK.....	1333-86-4	0.1 - 0.5
ETHYLBENZENE.....	100-41-4	< 0.2

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:

- METHYL ETHYL KETONE
- n-HEXANE
- TOLUENE
- XYLENE
- CYCLOHEXANE
- ETHYLBENZENE

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

2. PHYSICAL DATA

BOILING POINT:..... 148.00 - 189.00 F
VAPOR PRESSURE:..... 120.0000 mmHg
 @ 68F
VAPOR DENSITY:..... 3.00 Air=1
EVAPORATION RATE:..... > 3.60 Ether=1
SOLUBILITY IN WATER:..... Slight
SPECIFIC GRAVITY:..... 0.90 Water=1
PERCENT VOLATILE:..... 60.7 % by wt
pH:..... N/A
VISCOSITY:..... 7500.0 - 9500.0 centipoise
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
viscous liquid, black, solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -6.00 F TCC
FLAMMABLE LIMITS - LEL:..... 1.00 % by vol
FLAMMABLE LIMITS - UEL:..... 11.50 % by vol
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:
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
protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Closed containers exposed to heat from fire may build pressure and
explode. Vapors may travel long distances along the ground or floor
to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 3 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class IB Flammable Liquid

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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

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. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. Cover spill area with Light Water Brand or other AFFF foam. (For further information on AFFF foam usage, contact 3M Fire Protection Systems.) Collect using non-sparking tools. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator. Combustion products will include HCl. Disposal alternative: Dispose of completely absorbed waste product in a hazardous waste facility.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 60.7 % by wt.
Volatile Organic Compounds: 4.55 lb/gal calculated.
Volatile Organic Compounds: 546 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H2O & Exempt Solvents: 546 gms/liter calculated per SCAQMD rule 443.1.

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 = D001 (Ignitable) D018 (Benzene) D035 (Methyl ethyl ketone)

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5. ENVIRONMENTAL INFORMATION (continued)

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

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.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: polyvinyl alcohol, fluoroelastomer (Viton).

RECOMMENDED VENTILATION:

Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

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.

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 7. PRECAUTIONARY INFORMATION (continued)

PREVENTION OF ACCIDENTAL INGESTION:

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

RECOMMENDED STORAGE:

Store away from heat. Keep container closed when not in use. 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. Extremely flammable liquid and vapor. Avoid static discharge.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
METHYL ETHYL KETONE.....	200	PPM	TWA	OSHA	
METHYL ETHYL KETONE.....	300	PPM	STEL	OSHA	
METHYL ETHYL KETONE.....	200	PPM	TWA	ACGIH	
METHYL ETHYL KETONE.....	300	PPM	STEL	ACGIH	
NAPHTHA (PETROLEUM), SOLVENT-REFINED LIGHT.....	NONE	NONE	NONE	NONE	
PHENOLIC POLYMER - NJ TRADE SECRET REGISTRY NO. 04499600-6305.....	NONE	NONE	NONE	NONE	
POLYCHLOROPRENE.....	NONE	NONE	NONE	NONE	
n-HEXANE.....	50	PPM	TWA	ACGIH	Y
n-HEXANE.....	50	PPM	TWA	OSHAV	
			OSHA VACATED PEL		
n-HEXANE.....	500	PPM	TWA	OSHA	
TOLUENE.....	50	PPM	TWA	ACGIH	Y
TOLUENE.....	100	PPM	TWA	OSHAV	
			OSHA VACATED PEL		
TOLUENE.....	150	PPM	STEL	OSHAV	
			OSHA VACATED PEL		
TOLUENE.....	200	PPM	TWA	OSHA	
TOLUENE.....	300	PPM	CEIL	OSHA	
MAGNESIUM OXIDE.....	10	MG/M3	TWA	ACGIH	
			as fume		
MAGNESIUM OXIDE.....	15	MG/M3	TWA	OSHA	
			AS TOTAL DUST		
2-CHLORO-1,3-BUTADIENE POLYMERS AND COPOLYMERS.....	NONE	NONE	NONE	NONE	
XYLENE.....	100	PPM	TWA	ACGIH	
XYLENE.....	150	PPM	STEL	ACGIH	
XYLENE.....	100	PPM	TWA	OSHA	
XYLENE.....	150	PPM	STEL	OSHA	
CYCLOHEXANE.....	300	PPM	TWA	ACGIH	
CYCLOHEXANE.....	300	PPM	TWA	OSHA	

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CARBON BLACK.....	0.5	MG/M3	TWA	CMRG	
ETHYLBENZENE.....	100	PPM	TWA	ACGIH	
ETHYLBENZENE.....	125	PPM	STEL	ACGIH	
ETHYLBENZENE.....	100	PPM	TWA	OSHA	
ETHYLBENZENE.....	125	PPM	STEL	OSHA	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route 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
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- 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:

Moderate Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, itching, and dryness.

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

INHALATION:

May be harmful if inhaled.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Prolonged or repeated overexposure, above recommended guidelines, may

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8. HEALTH HAZARD DATA (continued)

cause:

Peripheral Neuropathy: signs/symptoms can include tingling of extremities, incoordination, numbness, weakness and tremors.

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 overexposure, above recommended guidelines, may cause:

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

Central Neuropathy: signs/symptoms can include dizziness, incoordination, visual changes, emotional changes, tremors and convulsions.

IF SWALLOWED:

Ingestion may cause:

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

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. (100-41-4) (IARC possible human carcinogen 2B)

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

REPRODUCTIVE/DEVELOPMENTAL TOXINS:

WARNING: Contains a chemical which can cause birth defects. (108-88-3)

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SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE August 28, 2000 ISSUE

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