

MATERIAL SAFETY
DATA SHEET

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DIVISION: AUTOMOTIVE AFTERMARKET

TRADE NAME:

3M(TM) Super Trim Adhesive, P.N. 08090, 08091

ID NUMBER/U.P.C.: CS-0406-6930-4 - - - 60-9800-1695-4 00-51135-08091-7
62-4939-4909-3 00-51135-08090-0 62-4939-4910-1 00-51135-08091-7

ISSUED: APRIL 26, 2000

SUPERSEDES: AUGUST 13, 1999

DOCUMENT: 11-2364-5

1. INGREDIENT	C.A.S. NO.	PERCENT	
DIMETHYL ETHER	115-10-6	25.0	- 35.0
ACETONE	67-64-1	10.0	- 20.0
CYCLOHEXANE	110-82-7	10.0	- 20.0
PENTANE	109-66-0	10.0	- 20.0
NON-VOLATILE COMPONENTS - NJ Trade Secret Registry No. 04499600- 5475P++	TradeSecret	10.0	- 20.0
TOLUENE	108-88-3	3.0	- 7.0

NOTE: The components of this product are in compliance with the chemical notification requirements of TSCA.
++ synthetic polymers, fillers, epoxy resin, antioxidant, resin and accelerator.

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:

CYCLOHEXANE
TOLUENE

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... nil
SP. GRAVITY:..... 0.760 Water = 1
PERCENT VOLATILE:..... 85.00 % by wt
pH:..... N/A
VISCOSITY:..... > 100.0 CPS
MELTING POINT..... N/D
APPEARANCE AND ODOR: Liquid in aerosol container, Liquid in aerosol container,
clear-transluscent, solvent odor

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

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3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -42.00 F T.C.C.

(dimethyl ether as propellant)

FLAMMABLE LIMITS - LEL: N/A

FLAMMABLE LIMITS - UEL: N/D

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: 4 REACTIVITY: 0 AEROSOL STORAGE: 2
UNUSUAL REACTION HAZARD: none**4. REACTIVITY DATA**

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

Heat.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Hydrogen Chloride, Phosgene, Chlorine, 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. Cover with absorbent material. Collect using non-sparking tools. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty cans in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 67.5 % calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 4.27 lb/gal calculated per SCAQMD rule

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5. ENVIRONMENTAL INFORMATION (continued)

443.1.
Volatile Organic Compounds: 512 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H₂O & Exempt Solvents: 618 gms/liter calculated per SCAQMD rule 443.1.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:**FIRE HAZARD:** Yes **PRESSURE:** Yes **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 with vapor, spray, or mist. Wear vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:

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: polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (Teflon).

VENTILATION PROTECTION:

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 breathing of vapors, mists or spray. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask

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7. PRECAUTIONARY INFORMATION (continued)

organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at temperatures below 120 degrees F (49 degrees C). Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Aerosol container contains flammable gas under pressure. Keep away from heat, sparks, open flame, and other sources of ignition. Extremely flammable liquid and vapor. Do not pierce or burn container, even after use. Avoid static discharge.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
DIMETHYL ETHER	1000	ppm	TWA	CMRG	
DIMETHYL ETHER	500	ppm	TWA	AIHA	
DIMETHYL ETHER	942	mg/m ³	TWA	AIHA	
ACETONE	500	ppm	TWA	ACGIH	
ACETONE	750	ppm	STEL	ACGIH	
ACETONE	750	ppm	TWA	OSHA	
ACETONE	1000	ppm	STEL	OSHA	
ACETONE	1000	ppm	TWA	OSHA	
CYCLOHEXANE	300	ppm	TWA	ACGIH	
CYCLOHEXANE	300	ppm	TWA	OSHA	
PENTANE	600	ppm	TWA	ACGIH	
PENTANE	600	ppm	TWA	OSHAV	
PENTANE	750	ppm	STEL	OSHAV	
PENTANE	1000	ppm	TWA	OSHA	
NON-VOLATILE COMPONENTS - NJ Trade Secret Registry No. 04499600-5475P++					
TOLUENE	NONE	NONE	NONE	NONE	
TOLUENE	50	ppm	TWA	ACGIH	Y
TOLUENE	100	ppm	TWA	OSHAV	
TOLUENE	OSHA VACATED PEL				
TOLUENE	150	ppm	STEL	OSHAV	
TOLUENE	OSHA VACATED PEL				
TOLUENE	200	ppm	TWA	OSHA	
TOLUENE	300	ppm	CEIL	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
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- 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.
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

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8. HEALTH HAZARD DATA**EYE CONTACT:**

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

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

INHALATION:

Intentional concentration and inhalation may be harmful or fatal.

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.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

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.

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

REPRODUCTIVE/DEVELOPMENTAL TOXINS:

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

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	AUGUST 13, 1999 ISSUE
INGREDIENTS	SECTION CHANGED SINCE	AUGUST 13, 1999 ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	AUGUST 13, 1999 ISSUE

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