

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
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DIVISION: AUTOMOTIVE AFTERMARKET
 TRADE NAME:

3M(TM) Super Duty Rubbing Compound, P.N. 05954, 05955, 05956
 ID NUMBER/U.P.C. :
 60-9800-1132-8 00-51131-05954-2 60-9800-1527-9 00-51131-05956-6
 60-9898-3201-3 00-51144-05955-3 CN-1006-9453-4 - - -
 XC-0616-7891-5 - - -
 ISSUED: January 02, 2001
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 DOCUMENT:10-2844-8

1. INGREDIENT	C.A.S. NO.	PERCENT
TRIPOLI (CRYSTALLINE SILICA).....	1317-95-9	40.0 - 50.0
WATER.....	7732-18-5	10.0 - 30.0
KEROSENE.....	8008-20-6	10.0 - 30.0
STODDARD SOLVENT.....	8052-41-3	5.0 - 10.0
SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES.....	64741-88-4	1.0 - 5.0
OLEIC ACID.....	112-80-1	1.0 - 5.0
1,2,4-TRIMETHYLBENZENE.....	95-63-6	0.1 - 1.0

The components of this product are in compliance with the chemical
 notification requirements of TSCA. All applicable chemical
 ingredients in this material are listed on the European Inventory of
 Existing Chemical Substances (EINECS), or are exempt polymers whose
 monomers are listed on EINECS.

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:
 1,2,4-TRIMETHYLBENZENE

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

2. PHYSICAL DATA

BOILING POINT:..... 212 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... > 1.00 Air=1
EVAPORATION RATE:..... > 1.00 Ether=1
SOLUBILITY IN WATER:..... DILUTABLE
SPECIFIC GRAVITY:..... 1.280 Water=1
PERCENT VOLATILE:..... 50 % by wt
pH:..... 9.4-9.6
VISCOSITY:..... 7-12K CPS
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid, viscous, tan colored, slight pine odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 133 F PENSKEY-MARTIN CLOSED CUP
FLAMMABLE LIMITS - LEL:..... 1.60 %
FLAMMABLE LIMITS - UEL:..... 6.00 %
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:

None known.

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

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

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4. REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Hydrocarbons.

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 inorganic absorbent material. Cover spill area with Light Water Brand or other ATC foam. (For further information on ATC foam usage, contact 3M Fire Protection Systems.) Collect using non-sparking tools. Clean up residue with water. Place in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:
Incinerate in a permitted hazardous waste incinerator. Disposal alternative: Dispose of waste product in a facility permitted to accept chemical waste.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: 2.69 lb/gal calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 323 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H2O & Exempt Solvents: 431 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)

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.

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6. SUGGESTED FIRST AID (continued)

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.

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: nitrile rubber, polyvinyl alcohol, fluoroelastomer (Viton).

RECOMMENDED VENTILATION:

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. Avoid breathing of dust created by cutting, sanding or grinding. 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 with dust/mist prefilter, full-face organic vapor respirator with dust/mist prefilter

Continuous spurring of dry buff pads may produce dust conditions in excess of the OSHA Permissible Exposure Limit (PEL) or the Threshold Limit Value (TLV) for crystalline silica.

When cleaning or spurring a dry buff pad used with this product, use appropriate local exhaust to control dust, or use appropriate respiratory protection to avoid inhalation of dusts.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

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 7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED STORAGE:

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. Combustible liquid and vapor.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
TRIPOLI (CRYSTALLINE SILICA).....	0.1	MG/M3	TWA	ACGIH	
		RESPIRABLE			
TRIPOLI (CRYSTALLINE SILICA).....	0.1	MG/M3	TWA	OSHA	
		RESPIRABLE			
WATER.....	NONE	NONE	NONE	NONE	
KEROSENE.....	500	PPM	TWA	CMRG	
STODDARD SOLVENT.....	100	PPM	TWA	ACGIH	
STODDARD SOLVENT.....	100	PPM	TWA	OSHAV	
STODDARD SOLVENT.....	500	PPM	TWA	OSHA	
SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES.....	5	MG/M3	TWA	CMRG	
OLEIC ACID.....	10	MG/M3	TWA	OSHA	
		as mist			
OLEIC ACID.....	10	MG/M3	TWA	ACGIH	
		as mist			
1,2,4-TRIMETHYLBENZENE.....	NONE	NONE	NONE	NONE	

* 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

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8. HEALTH HAZARD DATA

EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

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

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

INHALATION:

May be harmful if inhaled.

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

Prolonged or repeated overexposure, above recommended guidelines, may cause:

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

Silicosis: signs/symptoms can include shortness of breath and persistent coughing.

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:

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

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.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness,

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8. HEALTH HAZARD DATA (continued)

incoordination, slowed reaction time, fatigue, blurred vision,
slurred speech, giddiness, tremors and convulsions.

CANCER:

WARNING: Contains a chemical which can cause cancer. (1317-95-9)
(IARC 1 - human carcinogen, Calif. Proposition 65)

SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE April 14, 2000	ISSUE
PRECAUTIONARY INFO.	SECTION CHANGED SINCE April 14, 2000	ISSUE

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