

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

SCOTCHGARD Brand CARPET & UPHOLSTERY PROTECTOR CONCENTRATE  
 ID NUMBER/U.P.C.:  
 41-1500-4405-9 - - - 70-0710-1861-1 00-48011-29507-2  
 ISSUED: November 13, 2001  
 SUPERSEDES: November 09, 2001  
 DOCUMENT: 16-0592-2

| 1. INGREDIENT   | C.A.S. NO.  | PERCENT |
|---|-------------|---------|
| WATER.....  | 7732-18-5   | 60 - 90 |
| URETHANE POLYMER (N.J. trade secret<br>registry 04499600-6394)..... | TradeSecret | 7 - 13  |
| ACRYLATE RESIN (N.J. trade secret<br>registry 04499600-6395).....   | TradeSecret | 1 - 5   |
| METHYL ISOBUTYL KETONE.....   | 108-10-1    | < 0.1   |

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 ISOBUTYL KETONE

| 2. PHYSICAL DATA                        |
|---|
| BOILING POINT:..... ca. 210 F           |
| VAPOR PRESSURE:..... N/D                |
| VAPOR DENSITY:..... N/D                 |
| EVAPORATION RATE:..... ca. 1 Water=1    |
| SOLUBILITY IN WATER:..... moderate      |
| SPECIFIC GRAVITY:..... ca. 1.02 Water=1 |
| PERCENT VOLATILE:..... ca. 85 %         |
| pH:..... ca. 9                          |
| VISCOSITY:..... < 10 centipoise         |
| MELTING POINT:..... N/A                 |

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

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2. PHYSICAL DATA (continued)  
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APPEARANCE AND ODOR:

Liquid, milky white to translucent. Mild floral odor.

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water, 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:

No unusual fire or explosion hazards are anticipated.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain spill. Cover with inorganic absorbent material. Collect spilled material. Clean up residue with water. Place in a closed container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility in the presence of a combustible material. Disposal alternative: Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: < 0.1 %.  
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 = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID  
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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:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear unvented goggles during operations in which exposure is likely.

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: butyl rubber, natural rubber, neoprene, nitrile rubber, polyethylene, polyvinyl chloride.

RECOMMENDED VENTILATION:

Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Provide ventilation adequate to control vapor concentrations below recommended exposure limits and/or control spray or mist.

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 organic vapor respirator with dust/mist prefilter, full-face organic vapor respirator with dust/mist prefilter.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Store away from acids. Store at temperatures above 32 degrees F (0 degrees C). Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0  
PERSONAL PROTECTION: X (See precautions, section 7.)

EXPOSURE LIMITS

| INGREDIENT   | VALUE            | UNIT | TYPE | AUTH  | SKIN* |
|--|------------------|------|------|-------|-------|
| WATER.....   | NONE             | NONE | NONE | NONE  |       |
| URETHANE POLYMER (N.J. trade secret registry 04499600-6394)..... | NONE             | NONE | NONE | NONE  |       |
| ACRYLATE RESIN (N.J. trade secret registry 04499600-6395).....   | NONE             | NONE | NONE | NONE  |       |
| METHYL ISOBUTYL KETONE.....                                      | 50               | PPM  | TWA  | ACGIH |       |
| METHYL ISOBUTYL KETONE.....                                      | 75               | PPM  | STEL | ACGIH |       |
| METHYL ISOBUTYL KETONE.....                                      | 50               | PPM  | TWA  | OSHA  |       |
|  | OSHA VACATED PEL |      |      |       |       |

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EXPOSURE LIMITS (continued)

| INGREDIENT                  | VALUE | UNIT | TYPE             | AUTH  | SKIN* |
|-----------------------------|-------|------|------------------|-------|-------|
| METHYL ISOBUTYL KETONE..... | 75    | PPM  | STEL             | OSHAV |       |
|                             |       |      | OSHA VACATED PEL |       |       |
| METHYL ISOBUTYL KETONE..... | 100   | PPM  | TWA              | 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
- 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:

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.

INHALATION:

Prolonged or repeated exposure may cause:

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

IF SWALLOWED:

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE November 09, 2001 ISSUE

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