

MATERIAL SAFETY
DATA SHEET

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MSDS: 3M Brand CARPET PROTECTOR II CONCENTRATE
 (Product No. 17, Twist 'n Fill (tm) System)
 OCTOBER 13, 1998
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3. FIRE AND EXPLOSION HAZARD DATA (continued)

SPECIAL FIRE FIGHTING PROCEDURES:
 Wear full protective clothing, including helmet, self-contained, breathing apparatus, and pressure demand breathing apparatus, bunker coat and pants, gloves, boots, and hood. Avoid contact with eyes, face, and hands 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: 2 FIRE: 2 REACTIVITY: 0

OSHA FIRE HAZARD CLASS: Class II Combustible Liquid

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:
 Not applicable.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:
 Carbon Monoxide and Carbon Dioxide, Hydrogen Fluoride, Hydrocarbons, 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. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. 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. Combustion products will include HF.

ENVIRONMENTAL DATA:
 Not determined.

REGULATORY INFORMATION:
 Volatile Organic Compounds: ca. 35 %
 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 = D001 (Ignitable)

TSCA: All components used in the manufacture of this material are in

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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME: 3M Brand CARPET PROTECTOR II CONCENTRATE

(Product No. 17, Twist 'n Fill (tm) System)

ID NUMBER/U.P.C.: 70-0706-7440-6 00-48011-20698-5 70-0706-7461-4 00-48011-23097-4
 70-0707-1571-7 00-48011-20777-8 70-0707-1888-0

ISSUED: OCTOBER 13, 1998
 SUPERSEDES: JANUARY 21, 1998
 DOCUMENT#: 07-2595-2

1. INGREDIENT

INGREDIENT	C.A.S. NO.	PERCENT
WATER	7732-18-5	30
PEROXY-2-PROPANOI	1569-01-3	60
FLUOROLIPHATIC ACID SALT (N.J. trade secret registry 04499600-5001P)	TradeSecret	10
ACRYLIC ACID, POLYMERS	9003-01-4	5
RESIDUAL ORGANIC FLUORO-CHEMICALS	Unknown	< 1.5

NOTE: IN CASE OF EMERGENCY, THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

2. PHYSICAL DATA

BOILING POINT:	ca. 200 F
VAPOR PRESSURE:	N/D
VAPOR DENSITY:	N/D
EVAPORATION RATE:	complete
SOLUBILITY IN WATER:	ca. 1:1 Water = 1
PERCENT VOLATILE:	70-80 %
PH:	8-9
VISCOSITY:	< 100 CPS
MELTING POINT:	N/A
APPEARANCE AND ODOR:	Liquid, clear, solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	ca. 135 F T.C.C.
FLAMMABLE LIMITS - LEL:	N/D
FLAMMABLE LIMITS - UEL:	N/D
AUTOIGNITION TEMPERATURE:	N/D
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, foam

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5. ENVIRONMENTAL INFORMATION (continued)

compliance with the US TSCA inventory.

OTHER ENVIRONMENTAL INFORMATION:

This product may contain one or more organic fluorochemicals that have the potential to resist degradation and persist in the environment.

6. SUGGESTED FIRST AID

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

EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15 minutes. 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:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

NOTE: When used as directed and diluted and dispensed with a TWIST'n Fill (tm) Chemical Dispenser, eye contact with the concentrate is not expected to occur. Avoid eye contact. Avoid eye contact with vapor, spray or mist. The foam/wing should be worn alone or in combination, as appropriate, to prevent eye contact. Wear vented goggles.

SKIN PROTECTION:

NOTE: When used as directed and diluted and dispensed with a TWIST'n Fill (tm) Chemical Dispenser, skin contact with the concentrate is not expected to occur. Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber. Use one or more of the following personal protection items as necessary to prevent skin contact: apron, coveralls.

VENTILATION PROTECTION:

NOTE: When used as directed and diluted and dispensed with a TWIST'n

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7. PRECAUTIONARY INFORMATION (continued)

Fill (tm) Chemical Dispenser, special ventilation is not required. Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. Use with adequate dilution ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

NOTE: When used as directed and diluted and dispensed with a TWIST'n Fill (tm) Chemical Dispenser, respiratory protection is not required. Avoid breathing of vapors and sprays. Avoid breathing of airborne material. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: 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.

RECOMMENDED STORAGE:

Store away from areas where product may come into contact with food or pharmaceuticals. Do not store containers on their sides. Store away from heat. 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.

OTHER PRECAUTIONARY INFORMATION:

Not intended for consumer sale or use. This product is not intended to be used without prior dilution as specified on the product label.

Keep children and pets off carpet during application and until dry.

HMTS HAZARD RATINGS: HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0
PERSONAL PROTECTION: X (See precautions, section 7.)

EXPOSURE LIMITS

INGREDIENTS	VALUE	UNIT	TYPE AUTH	SKINK
WATER	NONE	NONE	NONE
FLUOROCRYLATE	NONE	NONE	NONE
FLUOROPROPYLACRYLIC ACID	NONE	NONE	NONE
FLUOROPROPYLACRYLIC ACID SALT (M.J. 500P, secret registry 04499600-500P)	NONE	NONE	NONE
ACRYLIC ACID POLYMERS	NONE	NONE	NONE
RESIDUAL ORGANIC FLUORO-CHEMICALS	NONE	NONE	NONE

* SKIN NOTATION: Listed substances indicated with "N" 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.

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7. PRECAUTIONARY INFORMATION (CONTINUED)

8. HEALTH HAZARD DATA (continued)

SOURCE OF EXPOSURE LIMIT DATA:
- AHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- 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:
Mild Skin Irritation: signs/symptoms can include redness, swelling, and itching.

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

INHALATION:

Single 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.

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

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:

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

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

IF SWALLOWED:

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

Animal studies conducted on organic fluorochemicals which may be present in this product indicate effects including liver disturbances, weight loss, loss of appetite, lethargy, and neurological, pancreatic, adrenal and hematologic effects. There are no known human health effects from anticipated exposure to these organic fluorochemicals when used as intended and instructed.

Ingestion may cause:

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

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

OTHER HEALTH HAZARD INFORMATION:

This product may contain one or more organic fluorochemicals that have the potential to be absorbed and remain in the body for long periods of time, either as the parent molecule or as metabolites, and may accumulate with repeated exposures. There are no known human health effects from anticipated exposure to these organic fluorochemicals when used as intended and instructed.

The presence of organic fluorochemicals in the blood of the general population and subpopulations, such as workers, has been published dating back to the 1970's. 3M's epidemiological study of its own workers indicates no adverse effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Medical conditions, if any, known to be aggravated by exposure to this product are indicated in the appropriate portions of the Health Hazard Data section of this data sheet.

CARCINOGENS: components of this product, if any, known to cause, or suspected of causing cancer as determined by DfSA, IARC or NTP, are described in the Health Hazard Data section of this data sheet in accord with the OSHA Hazard Communications Standard, 29 CFR 1910.1200

SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE	JANUARY 21, 1998 ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	JANUARY 21, 1998 ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	JANUARY 21, 1998 ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE	JANUARY 21, 1998 ISSUE

3M General Offices

3M Center
St. Paul, MN 55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

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