

3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
612/733-1110

00-34
425

MATERIAL SAFETY
DATA SHEET



DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:

SCOTCHGARD(TM) BRAND CARPET PROTECTOR (CAT.NO. 1023/1223)

3M I.D. NUMBER: CT-0607-1910-2 70-0701-9898-4 70-0702-1666-1 70-0703-8565-6
70-0704-2183-2 70-0704-3368-8 70-0704-3369-6

ISSUED: JUNE 29, 1992
SUPERSEDES: MARCH 26, 1992
DOCUMENT: 11-0667-3

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER	7732-18-5	70.0 - 80.0
ISOBUTANE	75-28-5	6.0 - 9.0
1-METHOXY-2-PROPANOL	107-98-2	1.0 - 5.0
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	1.0 - 5.0
FLUORO-CHEMICAL	TradeSecret	1.0 - 5.0
ISOPROPYL ALCOHOL	67-63-0	1.0 - 5.0
2-BUTOXYETHANOL	111-76-2	1.0 - 5.0
3,5-DIMETHYL-1-HEXYN-3-OL	107-54-0	< 1.0

NOTE: This is a consumer product in an aerosol container.

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

DIETHYLENE GLYCOL BUTYL ETHER
2-BUTOXYETHANOL

2. PHYSICAL DATA

BOILING POINT:..... N/D
VAPOR PRESSURE:..... ca. 62.0000 mmHg
MEASURED AT 100 DEGREES F.
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... N/D
SP. GRAVITY:..... ca. 1.020 Water = 1
PERCENT VOLATILE:..... N/D
VOLATILE ORGANICS:..... N/D
VOC LESS H2O & EXEMPT SOLVENT N/D
pH:..... 9.00-10.00
VISCOSITY:..... N/D
MELTING POINT..... N/D
APPEARANCE AND ODOR: Aerosol spray container, yellowish to colorless liquid
(forms a white foam upon release), mild honeysuckle odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... ca. 137.00 F T.C.C.
LIQUID PHASE
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:.... N/D
EXTINGUISHING MEDIA:
Water spray, Carbon dioxide, Dry chemical, Alcohol-type foam

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

SPECIAL FIRE FIGHTING PROCEDURES:

Not determined

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode.

NFPA-HAZARD-CODES: HEALTH 1 FIRE 2 REACTIVITY 1

UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

STORAGE AT TEMPERATURES BELOW MINUS 25F AND ABOVE 120F.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Not determined

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. Call (612) 733-1110 or (612) 733-6100 for 24-hour spill assistance. Extinguish all ignition sources. Cover with absorbent material. Clean up residue. Place in a U.S. DOT-approved container and seal.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator. Do not puncture or burn cans in a household incinerator. 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.

If an aerosol can recycling program is available, evacuate can completely prior to disposal.

ENVIRONMENTAL DATA:

No data available.

REGULATORY INFORMATION:

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

SARA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate

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6. SUGGESTED FIRST AID (continued)

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.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid skin contact.

Keep children and pets off carpet until it is thoroughly dry.

VENTILATION PROTECTION:

Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Avoid inhalation of vapors, mists or spray..

PREVENTION OF ACCIDENTAL INGESTION:

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

RECOMMENDED STORAGE:

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

Critical minimum storage temperature is minus 25 F. Critical maximum temperature is 120 F.

FIRE AND EXPLOSION AVOIDANCE:

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

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
WATER	NONE	NONE	NONE	NONE	
ISOBUTANE	NONE	NONE	NONE	NONE	
1-METHOXY-2-PROPANOL	100	ppm	TWA	ACGIH	
1-METHOXY-2-PROPANOL	369	mg/m3	TWA	ACGIH	

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

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7. PRECAUTIONARY INFORMATION (continued)

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
1-METHOXY-2-PROPANOL	150	ppm	STEL ACGIH	
1-METHOXY-2-PROPANOL	553	mg/m3	STEL ACGIH	
1-METHOXY-2-PROPANOL	100	ppm	TWA OSHA	
1-METHOXY-2-PROPANOL	360	mg/m3	TWA OSHA	
1-METHOXY-2-PROPANOL	150	ppm	STEL OSHA	
1-METHOXY-2-PROPANOL	540	mg/m3	STEL OSHA	
DIETHYLENE GLYCOL BUTYL ETHER	35	ppm	TWA CMRG	
FLUORO-CHEMICAL	NONE	NONE	NONE NONE	
ISOPROPYL ALCOHOL	400	ppm	TWA ACGIH	
ISOPROPYL ALCOHOL	985	mg/m3	TWA ACGIH	
ISOPROPYL ALCOHOL	500	ppm	STEL ACGIH	
ISOPROPYL ALCOHOL	1230	mg/m3	STEL ACGIH	
ISOPROPYL ALCOHOL	400	ppm	TWA OSHA	
ISOPROPYL ALCOHOL	980	mg/m3	TWA OSHA	
ISOPROPYL ALCOHOL	500	ppm	STEL OSHA	
ISOPROPYL ALCOHOL	1225	mg/m3	STEL OSHA	
2-BUTOXYETHANOL	25	ppm	TWA ACGIH	Y
2-BUTOXYETHANOL	121	mg/m3	TWA ACGIH	Y
2-BUTOXYETHANOL	25	ppm	TWA OSHA	Y
2-BUTOXYETHANOL	120	mg/m3	TWA OSHA	Y
3,5-DIMETHYL-1-HEXYN-3-OL	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
- OSHA: Occupational Safety and Health Administration
- CMRG: Chemical Manufacture Recommended Guidelines
- 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.

May be absorbed through the skin.

INHALATION:

Intentional concentration and inhalation may be harmful or fatal.

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8. HEALTH HAZARD DATA (continued)

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.

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

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

IF SWALLOWED:

No adverse health effects are expected from swallowing.

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.

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.

OTHER HEALTH HAZARD INFORMATION:

Keep small children and pets off carpet until it is thoroughly dry.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE
FIRE & EXP. DATA	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE
REACTIVITY DATA	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE
FIRST AID	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE	MARCH 26, 1992	ISSUE

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.