**MATERIAL SAFETY DATA SHEET**

**DIVISION:** HOME AND COMMERCIAL CARE DIVISION

**TRADE NAME:** SCOTCHGARD FABRIC PROTECTOR (CAT. NO. 4101)

**3M I.D. NUMBER:**
- 70-0702-8488-3
- 70-0703-6800-9
- 70-0703-6801-7
- 70-0703-8499-8
- 70-0703-8553-2
- 70-0703-8554-0
- 70-0703-8613-4
- 70-0703-8614-2
- 70-0704-2068-5
- 70-0704-2182-4
- 70-0704-2184-9
- 70-0704-3372-0
- 70-0704-3373-8
- 70-0704-3374-6
- 70-0704-3610-3

**ISSUED:** APRIL 16, 1992

**SUPERSEDES:** FEBRUARY 16, 1992

**DOCUMENT:** 11-3887-2

### 1. INGREDIENT

<table>
<thead>
<tr>
<th><strong>INGREDIENT</strong></th>
<th><strong>C.A.S. NO.</strong></th>
<th><strong>PERCENT</strong></th>
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<td>90.0 - 95.0</td>
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<td>2.0 - 5.0</td>
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<td>HEPTANE</td>
<td>142-82-5</td>
<td>1.0 - 2.0</td>
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<tr>
<td>FLUOROALKYL POLYMER</td>
<td>Trade Secret</td>
<td>0.5 - 1.5</td>
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<td>PETROLEUM DISTILLATE</td>
<td>8002-05-9</td>
<td>.1 - .5</td>
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<tr>
<td>1,1,1-TRICHLOROETHANE</td>
<td>71-55-6</td>
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**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: 1,1,1-TRICHLOROETHANE**

### 2. PHYSICAL DATA

- **BOILING POINT:** 74.00-345.00 F
- **VAPOR PRESSURE:** ca. 75.0000 mmHg
- **VAPOR DENSITY:** 4.55-5.00 Air = 1
- **EVAPORATION RATE:** ca. 0.30 Butyl Acetate = 1
- **SOLUBILITY IN WATER:** N/D
- **SP. GRAVITY:** ca. 0.800 gm/ml
- **PERCENT VOLATILE:** 98.50-99.50 % by wt
- **VOLATILE ORGANICS:** N/D
- **VOC LESS H2O & EXEMPT SOLVENT** N/D
- **pH:** N/A
- **VISCOITY:** N/D
- **MELTING POINT:** N/D
- **APPEARANCE AND ODOR:** liquid, water - white, faint petroleum hydrocarbon odor

### 3. FIRE AND EXPLOSION HAZARD DATA

- **FLASH POINT:** ca. 101.00 F T.O.C.
- **FLAMMABLE LIMITS - LEL:** ca. 0.80 % by vol
- **FLAMMABLE LIMITS - UEL:** ca. 13.00 % by vol
- **AUTOIGNITION TEMPERATURE:** ca. 525.00 F
- **EXTINGUISHING MEDIA:** Not determined
- **SPECIAL FIRE FIGHTING PROCEDURES:** Not determined
- **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not determined
- **NFPA-HAZARD-CODES:** HEALTH 1 FIRE 2 REACTIVITY 0
  **UNUSUAL REACTION HAZARD:** none

**Abbreviations:** N/D - Not Determined  N/A - Not Applicable
MATERIAL SAFETY
DATA SHEET

MSDS: SCOTCHGARD FABRIC PROTECTOR (CAT. NO. 4101)
APRIL 16, 1992

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
AVOID PROLONGED CONTACT WITH WATER. AVOID STRONG OXIDIZING AGENTS.
AVOID OPEN FLAMES, WELDING ARCS OR OTHER HIGH TEMPERATURE SOURCES
WHICH INDUCE THERMAL DECOMPOSITION.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE FUMES, SMOKE, CARBON
MONOXIDE, ALDEHYDES, HYDROGEN FLUORIDE.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
OBSERVE PRECAUTIONS FROM OTHER SECTIONS. IF CANS RUPTURE: EXTINGUISH
ALL IGNITION SOURCES. VENTILATE. COVER WITH ABSORBENT MATERIAL.
COLLECT SPILLED MATERIAL. PLACE IN AN APPROVED METAL CONTAINER AND
SEAL. FOR SINGLE CAN DISPOSAL, BLEED CAN OF PROPELLANT IN A WELL
VENTILATED AREA.

RECOMMENDED DISPOSAL:
MIX WITH FLAMMABLE MATERIAL AND INCINERATE IN A PERMITTED HAZARDOUS
WASTE INCINERATOR. FACILITY MUST BE CAPABLE OF HANDLING AEROSOL
CANS. COMBUSTION PRODUCTS WILL INCLUDE HF. SINCE REGULATIONS VARY,
CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S.
EPA HAZARDOUS WASTE NO.: DD01 (IGNITABLE)

ENVIRONMENTAL DATA:
The descriptions of the 11-digit ID numbers for this MSDS are as
follows: 70-0703-8553-2 is SGFS-10 24/10 oz. 4101, 70-0703-8554-0 is
SGFS-13-BS 24/13 oz. 4101-BS, 70-0703-8499-8 is 1412 12/10 oz. twin
pack, 70-0703-8613-4 is 4101-BS 12/13 oz., 70-0703-8614-2 is
4101-BS-6 6/13 oz., 70-0303-6800-9 is 12/10 oz. 4101, and
70-0703-8601-7 is 6/10 oz. 4106.

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

6. SUGGESTED FIRST AID

EYE CONTACT:
Flush with water for 10 minutes. Contact a nurse or physician if
irritation persists.

SKIN CONTACT:
Wash affected area with soap and water.

INHALATION:
Move to fresh air. If not breathing, give mouth-to-mouth
resuscitation. If breathing is difficult, give oxygen. Contact a
nurse or physician.

IF SWALLOWED:
Do not induce vomiting. Immediately call a physician.

Abbreviations: N/D - Not Determined N/A - Not Applicable
7. PRECAUTIONARY INFORMATION

OTHER PRECAUTIONARY INFORMATION:
AVOID EYE CONTACT. AVOID REPEATED OR PROLONGED SKIN CONTACT.
MAINTAIN AIRBORNE CONCENTRATIONS WITHIN RECOMMENDED EXPOSURE LIMITS.

AVOID SOURCES OF IGNITION AND STATIC DISCHARGE. KEEP CONTAINERS
CLOSED WHEN NOT IN USE.

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<thead>
<tr>
<th>INGREDIENTS</th>
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<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
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</tbody>
</table>

*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
- 3M: 3M Medical Department Guideline
- CMRO: Chemical Manufacture Recommended Guidelines
- NONE: None Established

Abbreviations: N/D - Not Determined N/A - Not Applicable
8. HEALTH HAZARD DATA

EYE CONTACT:
LIQUID CAUSES IRRITATION. VAPOR MAY CAUSE IRRITATION.

SKIN CONTACT:
MAY CAUSE IRRITATION. MAY AGGRAVATE EXISTING SKIN DISORDERS.

INHALATION:
VAPOR MAY CAUSE RESPIRATORY SYSTEM IRRITATION AND TEMPORARY NERVOUS SYSTEM IMPAIRMENT. DELIBERATE MISUSE BY CONCENTRATION AND INHALATION OF VAPORS MAY CAUSE SUDDEN DEATH. SYMPTOMS OF OVEREXPOSURE MAY INCLUDE DIZZINESS, NAUSEA, HEADACHE, GIDDINESS, AND LOSS OF CONSCIOUSNESS. MAY CAUSE MILD LIVER AND KIDNEY INJURY AND HEART RHYTHM DISTURBANCES. OVEREXPOSURE MAY AGGRAVATE EXISTING LIVER AND KIDNEY DISORDERS.

IF SWALLOWED:
ASPIRATION INTO THE LUNG MAY CAUSE LUNG DAMAGE OR DEATH. MAY CAUSE DIGESTIVE SYSTEM IRRITATION. INGESTION OF LARGE AMOUNTS MAY CAUSE BURNS, NAUSEA, VOMITING, LOWERED BLOOD PRESSURE, HEART RHYTHM DISTURBANCES, AND MILD LIVER AND KIDNEY DAMAGE.

SECTION CHANGE DATES

PRECAUT. INFO. SECTION CHANGED SINCE FEBRUARY 16, 1992 ISSUE

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

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.