MATERIAL SAFETY DATA SHEET

DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:
SCOTCHGARD BRAND OUTDOOR FABRIC PROTECTOR (CAT. NO. 5014)

3M I.D. NUMBER: CT-0607-2621-4

ISSUED: FEBRUARY 16, 1992
SUPERSEDES: OCTOBER 7, 1991
DOCUMENT: 11-2303-3

1. INGREDIENT C.A.S. NO. PERCENT

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1-TRICHLOROETHANE</td>
<td>71-55-6</td>
<td>90.0</td>
</tr>
<tr>
<td>CARBON DIOXIDE</td>
<td>124-38-9</td>
<td>2.0</td>
</tr>
<tr>
<td>METHYLAL</td>
<td>109-87-5</td>
<td>1.0</td>
</tr>
<tr>
<td>SEC-BUTYL ALCOHOL</td>
<td>78-92-2</td>
<td>&lt; 2.0</td>
</tr>
<tr>
<td>FLUOROCHEMICAL POLYMER</td>
<td>TradeSecret</td>
<td>1.5</td>
</tr>
<tr>
<td>TERT-BUTYL ALCOHOL</td>
<td>75-65-0</td>
<td>1.1</td>
</tr>
<tr>
<td>PETROLEUM DISTILLATE</td>
<td>8002-05-9</td>
<td>.1</td>
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</tbody>
</table>

NOTE: THE 1,1,1-TRICHLOROETHANE IS AEROSOL GRADE

2. PHYSICAL DATA

BOILING POINT: 155.00-165.00 F
VAPOR PRESSURE: ca. 100,000 mmHg
VAPOR DENSITY: ca. 4.55 Air = 1
EVAPORATION RATE: ca. 0.35 Ether = 1
SOLUBILITY IN WATER: neglig.
SP. GRAVITY: 1.298-1.310 gm/ml
PERCENT VOLATILE: ca. 98.00%
VOLATILE ORGANICS: N/D
VOC LESS H2O & EXEMPT SOLVENT N/D
pH: N/A
VISCOSITY: N/D
MELTING POINT: N/D
APPEARANCE AND ODOR: liquid in aerosol can, colorless, chlorinated solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS - LEL: 6.00-7.00 %
FLAMMABLE LIMITS -UEL: 15.00-16.70 %
AUTOIGNITION TEMPERATURE: N/D
EXTINGUISHING MEDIA:
WATER, CO2, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
TREAT AS A PRESSURIZED CONTAINER
UNUSUAL FIRE AND EXPLOSION HAZARDS:
EXCESSIVE HEAT WILL CAUSE THE AEROSOL CANS TO EXPLODE

Abbreviations: N/D - Not Determined N/A - Not Applicable
3. FIRE AND EXPLOSION HAZARD DATA (continued)

NFPA-HAZARD-CODES: HEALTH 3  FIRE 1  REACTIVITY 1
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
NONE KNOWN
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
EXPOSURE TO TEMPERATURES IN EXCESS OF 600 DEGREES FAHRENHEIT MAY
PRODUCE TOXIC CHLORINATED BY-PRODUCTS.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
OBSERVE PRECAUTIONS FROM OTHER SECTIONS. VENTILATE AREA. COLLECT
SPILLED MATERIAL AND CLEAN UP RESIDUE. PLACE IN AN APPROVED METAL
CONTAINER AND SEAL.

RECOMMENDED DISPOSAL:
DO NOT PUNCTURE CANS OR BURN IN A HOUSEHOLD INCINERATOR. BURN IN A
HEAVY-DUTY INCINERATOR CAPABLE OF HANDLING AEROSOL CANS. COMBUSTION
PRODUCTS WILL INCLUDE HYDROCHLORIC ACID (HCL) AND HYDROFLUORIC ACID
(HF). FOR SINGLE CAN DISPOSAL, BLEED CAN OF PROPELLANT IN A WELL
VENTILATED AREA. EMPTY CAN MAY BE BURIED IN A SANITARY LANDFILL.
SINCE REGULATIONS MAY VARY CONSULT APPLICABLE REGULATIONS OR
AUTHORITIES BEFORE DISPOSAL. U.S. EPA HAZARDOUS WASTE NO.: NONE.

ENVIRONMENTAL DATA:
NOT DETERMINED.

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

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with plenty of water. Continue for 10 minutes
holding eyelids open. Call a physician.

SKIN CONTACT:
Wash affected area with soap and water.

INHALATION:
If symptoms occur, remove person to fresh air. If symptoms continue,
call a physician.

IF SWALLOWED:
NOT APPLICABLE

OTHER FIRST AID:
NOTE TO PHYSICIANS: Exposure to 1,1,1-trichloroethane may increase

Abbreviations: N/D - Not Determined  N/A - Not Applicable
6. SUGGESTED FIRST AID  (continued)

myocardial irritability. Do not administer sympathomimetic drugs
(i.e. adrenaline) unless absolutely necessary. No specific antidote
for 1,1,1-trichloroethane. Supportive care. Treatment based on
judgement of the physician in response to the patient.

7. PRECAUTIONARY INFORMATION

OTHER PRECAUTIONARY INFORMATION:

DANGER: Vapor and/or airborne mist may be harmful. Avoid breathing
vapors. Use only as directed. Intentional misuse of by deliberately
concentrating and inhaling or swallowing contents can be harmful or
fatal. Product use without ventilation in a closed area may also be
harmful or fatal. Use only in areas adequately ventilated to remove
vapors and prevent vapor buildup. Maintain cross ventilation through
use of fans and opening all doors and windows until the article is
dry. Do not use in small rooms, bathoroms or closets. Use outdoors
when possible. If application requires more than one can, wait sixty
(60) minutes between spraying each can. Do not spray into eyes,
mouth, or onto skin. Keep spray and vapors away from heat SDurces
and open flames such as ovens, furnaces, stoves and dryers when in
operation. Keep small children and pets out of area until treatment
has thoroughly dried. KEEP OUT OF REACH OF CHILDREN! NOTE: Once
the product has dried, these warnings do not apply. Do not puncture,
icinerate or store above 120 degrees Fahrenheit (49 degrees
Celsius).

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>VALUE</th>
<th>UNIT</th>
<th>TYPE AUTH</th>
<th>SKIN</th>
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<tbody>
<tr>
<td>1,1,1-TRICHLOROETHANE</td>
<td>350</td>
<td>ppm</td>
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<tr>
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<td>303</td>
<td>mg/m³</td>
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Abbreviations: N/D - Not Determined N/A - Not Applicable
7. PRECAUTIONARY INFORMATION (continued)

EXPOSURE LIMITS

<table>
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<tr>
<th>INGREDIENTS</th>
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<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
<th>SKIN*</th>
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<td>NONE</td>
<td>NONE</td>
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<td>ppm</td>
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<td>ACGIH</td>
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<tr>
<td>TERT-BUTYL ALCOHOL</td>
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<tr>
<td>TERT-BUTYL ALCOHOL</td>
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<td>OSHA</td>
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<td>OSHA</td>
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<tr>
<td>TERT-BUTYL ALCOHOL</td>
<td>450</td>
<td>mg/m³</td>
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<td>OSHA</td>
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<tr>
<td>PETROLEUM DISTILLATE</td>
<td>400</td>
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<td>OSHA</td>
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</tr>
<tr>
<td>PETROLEUM DISTILLATE</td>
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<td>mg/m³</td>
<td>TWA</td>
<td>OSHA</td>
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</tr>
</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
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:
ANIMAL EYE IRRITATION STUDIES INDICATE THAT PRODUCT IS PRACTICALLY NON-IRRITATING TO THE EYES OF LABORATORY TEST ANIMALS.

SKIN CONTACT:
PRODUCT WAS FOUND TO BE NEITHER IRRITATING NOR SENSITIZING TO SKIN OF LABORATORY TEST ANIMALS.

INHALATION:
Overexposure to vapor or spray particles may be harmful. Symptoms of overexposure may include respiratory system irritation and temporary nervous system impairment such as dizziness, nausea, headache, giddiness and loss of consciousness. May cause mild liver and kidney injury and heart rhythm disturbances. Deliberate misuse by concentration and inhalation of vapors may be fatal/cause death.

IF SWALLOWED:
PRODUCT IS PRACTICALLY NON-TOXIC ORALLY.

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.