

3M General Offices
 3M Center
 St. Paul, Minnesota 55144-1000
 612/733-1110
 Duns No.: 00-617-3082

03-58
 3323

MATERIAL SAFETY
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES
 TRADE NAME:
 3M Rust Fighter I - Part No. 08892 (XC)
 3M I.D. NUMBER: 62-4966-4930-2

ISSUED: APRIL 12, 1990
 SUPERSEDES: APRIL 12, 1989
 DOCUMENT: 10-9631-2

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
petroleum distillate	64742-47-8	30.0 - 40.0	NONE	NONE	NONE	NONE
oxidized petrolatum, calcium salt	68425-34-3	20.0 - 30.0	NONE	NONE	NONE	NONE
petroleum sulfonate, calcium salt, overbare	68783-96-0	20.0 - 30.0	NONE	NONE	NONE	NONE
vm and p naphtha	8032-32-4	10.0 - 20.0	300	ppm	TWA	ACGIH
propane	74-98-6	10.0 - 20.0	1000	ppm	TWA	OSHA
isobutane	75-28-5	1.0 - 10.0	NONE	NONE	NONE	NONE

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

2. PHYSICAL DATA

BOILING POINT:..... Compressed gas
 VAPOR PRESSURE:..... Compressed gas
 VAPOR DENSITY: 4.70 Air = 1
 EVAPORATION RATE:..... Ether
 SOLUBILITY IN WATER: Very slight
 SP. GRAVITY:..... 0.770 Water = 1
 PERCENT VOLATILE: 70.00 %
 VOLATILE ORGANICS: 493.00 gm/l
 pH: N/D
 VISCOSITY: N/A
 APPEARANCE AND ODOR: Tan, aerosol liquid, solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -50.00 F
 FLAMMABLE LIMITS - LEL: N/A
 FLAMMABLE LIMITS - UEL: Flammable Gas
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 CO2, foam, dry chemical
 SPECIAL FIRE FIGHTING PROCEDURES:
 Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.
 UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Extremely Flammable. (Treat as flammable pressurized container).
 Overheated, closed containers adjacent to fire could explode due to internal pressure buildup.
 NFPA-HAZARD-CODES: HEALTH 2 FIRE 4 REACTIVITY 0
 UNUSUAL REACTION HAZARD: None

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

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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

CONDITIONS TO AVOID: Do not store at temperatures above 120F. Do not puncture or incinerate container.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂, C, H, N and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

If cans rupture, observe precautions from other sections. Extinguish all ignition sources and ventilate area. Use inorganic absorbent to absorb spill, place absorbed product and partially full cans in a U.S. Department of Transportation approved metal container and seal.

RECOMMENDED DISPOSAL:

Incinerate absorbed product and partially full cans in a hazardous waste facility. U.S. EPA Hazardous Waste Number: D001 (Ignitable). Dispose of empty cans in a sanitary landfill or incinerate in a commercial facility capable of handling aerosol cans. Consult applicable regulations or authorities before disposal.

ENVIRONMENTAL DATA:

Volatile Organic Compound (VOC):

Maximum VOC = 493 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 493 grams/liter.

VOC's were calculated according to Rule 443.1 of the South Coast Air Quality Management District (SCAQMD).

SARA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

Flush eyes with large amounts of water for at least 10 minutes. Call a physician.

SKIN CONTACT:

Thoroughly wash affected area with soap and water.

INHALATION:

Remove person to uncontaminated air. Call a physician.

IF SWALLOWED:

Do not induce vomiting. Immediately call a physician or poison control center.

OTHER FIRST AID:

NONE

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7. PRECAUTIONARY INFORMATION

Keep product and its vapors away from heat, sparks, flames, and all other sources of ignition. Extinguish and do not ignite any flame in the immediate work area. The vapors released by the product can be ignited easily and burn explosively. Avoid prolonged breathing of vapors and spray. Use only in areas with sufficient ventilation to maintain vapor and spray concentrations below recommended exposure limits. Local exhaust ventilation may be needed if large quantities are sprayed in a short period of time. Avoid eye and skin contact. Use eye (e.g., safety glasses, chemical goggles) and skin (e.g., impervious gloves) protection to prevent contact. Use only as directed. Do not take internally. Intentional misuse by deliberately concentrating and inhaling or swallowing the contents can be harmful or fatal. Do not puncture or incinerate can. Do not store at temperatures above 120F. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	---- EXPOSURE LIMITS ----			
	VALUE	UNIT	TYPE	AUTH
vm and p naphtha	100	ppm	TWA	CMRG
vm and p naphtha	570	mg/m3	TWA	CMRG
vm and p naphtha	1350	mg/m3	TWA	ACGIH
vm and p naphtha	300	ppm	TWA	OSHA
vm and p naphtha	1350	mg/m3	TWA	OSHA
propane	1800	mg/m3	TWA	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- CMRG: Chemical Manufacture Recommended Guidelines

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid irritating to eyes upon direct contact. Vapor may cause eye irritation.

SKIN CONTACT: May cause skin irritation. Symptoms may include dryness and cracking.

INHALATION: Overexposures to vapor concentrations that exceed recommended exposure limits may cause respiratory irritation and temporary nervous system impairment (light-headedness). Prolonged or repeated overexposures to vapors may cause kidney effects. Symptoms of overexposure may include dizziness, weakness, fatigue, headache, nausea, and in the extreme -- coma and death.

INGESTION: Accidental ingestion is unlikely from an aerosol container. Intentional concentration and swallowing the liquid product may cause severe digestive system irritation, nausea and vomiting. Solvent aspiration into the lungs as a result of vomiting may cause lung damage, which can be fatal.

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SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE APRIL 12, 1989 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.