



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PREVENT AEROSOL UPC No. 45114, 45115
MANUFACTURED BY: PRECISION BRAND PRODUCTS INC.
2250 Curtiss Street
Downers Grove IL 60515 USA
Product Information Telephone Number: (630) 969-7200

24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC

**800-424-9300 U.S. & CANADA
202-483-7616 INTERNATIONAL**

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>DESCRIPTION</u>	<u>CAS NUMBER</u>	<u>WEIGHT PERCENT</u>	<u>EXPOSURE LIMITS</u>
(ISO) butane	106-97-8	14	800 ppm ^a
Propane	74-98-6	18	1000 ppm ^b
Mineral Spirits	64742-47-8	47	100 ppm ^c
Heavy Petroleum Oxygenates,	61790-48-5	11	5 mg/m ^{3(b)}
Mineral Oil	64742-52-5	8	5 mg/m ^{3d}
Propylene Glycol Monomethyl Ether	107-98-2	2	100 ppm ^e

^a ACGIH, NIOSH

^b OSHA PEL

^c ACGIH, OSHA PEL 550 ppm (for Stoddard Solvent)

^d OSHA PEL, OIL MIST

^e ACGIH, NIOSH

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Opaque light brown liquid, solvent odor. Contents under pressure – extremely flammable. Skin and eye irritation – direct contact.

EYE CONTACT: Direct contact can cause burning and irritation and may result in conjunctivitis.

SKIN CONTACT: Frequent or prolonged contact may irritate and cause dermatitis.

INGESTION: Irritation of mouth and throat. Aspiration into lungs may cause mild to severe pulmonary injury.

INHALATION: High vapor concentrations may be irritating to the respiratory tract. Other possible symptoms include headaches, dizziness and drowsiness, throat irritation, nausea, narcosis and anesthesia.

CHRONIC: Not established.

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water for 15 minutes. Consult physician.

SKIN CONTACT: Remove contaminated clothing to prevent further contact. Wash affected areas of skin with soap and water.

INGESTION: Contact Poison Control Center or physician immediately. Proper treatment is dependent on condition of patient and amount ingested.

INHALATION: Remove to fresh air. Provide artificial respiration.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Approximately -156°F
(estimated for propellant)

METHOD USED: TOC

FLAMMABLE LIMITS: (% in air):

LFL: 1.8 UFL: 9.5

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or other extinguishers rated for Class B fires.

FIRE & EXPLOSION HAZARDS: Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120° F. Do not puncture or incinerate can.

SPECIAL FIRE FIGHTING PROCEDURES: Use water only as a fine mist if more suitable extinguishing agents are unavailable. Avoid possible accumulations of vapors at floor level, as vapor is heavier than air.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Review current local, state and federal laws, codes, statutes, and regulations to determine appropriate agencies to be notified, and the conditions under which they are to be notified. Eliminate ignition sources. Ventilate area.

WASTE DISPOSAL METHOD: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Empty can and discard as solid trash.

7. HANDLING AND STORAGE:

Store in clean, fire-resistant storage area with good ventilation. Do not store where temperatures may exceed 120°F. Prohibit smoking in the area and exclude sources of spark or open flame. Do not puncture, or incinerate – extremely flammable, contents under pressure.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION (type): If TLV is exceeded, air-supplied or self-contained breathing apparatus (NIOSH approved).

PROTECTIVE GLOVES (type): Rubber or polyvinyl.

LOCAL EXHAUST VENTILATION (rate): As required to control exposure below TLV.

EYE PROTECTION: (type): Safety glasses, goggles or face-shield.

MECHANICAL VENTILATION (rate): No information.

OTHER PROTECTIVE EQUIPMENT: As needed to minimize contamination.

SPECIAL VENTILATION: Do not use in small enclosed areas. General ventilation normally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: -44 - 300°F

SPECIFIC GRAVITY: (Water =1): <1

PRESSURE IN CAN (70°F): Approximately 67 psig

VOLATILE BY VOLUME: > 80%

VAPOR DENSITY: (Air = 1): >1

EVAPORATION RATE: (Ethyl Ether = 1): <1

SOLUBILITY IN WATER: Negligible

pH (100%): N/A

APPEARANCE & ODOR: Opaque light brown liquid, solvent odor.

pH (10%): N/A

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid high temperatures and ignition sources. Do not incinerate.

INCOMPATIBILITY (materials to avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal-oxidative degradation may produce carbon dioxide, carbon monoxide, partially oxidized hydrocarbon, and detectable levels of sulfur oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

1. California Proposition-65:

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. This product contains [or may contain] trace amounts of organic compounds that have been listed pursuant to Proposition 65, California Health & Safety Code Section 25249.8. Employers may have an obligation to warn their employees and other on their premises of potential exposure to Proposition 65 listed substances. If this product is sold or used in or incorporated into a product sold in California, California law may require that the manufacturer, distributor and retailer of the product provide a warning pursuant to Proposition 65, California Health & Safety Code Section 25249.6. Failure to provide required warnings may result in legal liability. This product may not be discharged onto land or into any source of drinking water in California.

2. The NIOSH/OSHA Occupational Health Guidelines for Chemical Hazards (1978) reported minimal or no measurable or reported effects of oil mist inhalation in long-term animal studies and in epidemiological studies in industry.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Transport, storage and disposal of hazardous waste must be dealt with by a licensed facility or waste hauler.

14. TRANSPORT INFORMATION

D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:

Aerosols, flammable / 2.1 / UN1950 / (Not exceeding 1 liter capacity) / Exceptions: CFR173.306

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION RULE 29 CFR 1910.1200: Aerosol, flammable.

TSCA (TOXIC SUBSTANCES CONTROL ACT): the materials in this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Not applicable.

SARA TITLE III (Superfund Amendments and Authorization Act): Section 313 – Barium compounds in heavy petroleum oxygenates (< 1%).

15. REGULATORY INFORMATION – (continued)

CALIFORNIA PROPOSITION-65:

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16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION CODES (NFPA):

HEALTH: 1 FLAMMABILITY: 4
REACTIVITY: 0

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS):

HEALTH: 1 FLAMMABILITY: 4
REACTIVITY: 0 PERSONAL PROTECTION: A

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

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