

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200 Standard must be consulted for specific requirements.

U.S. DEPARTMENT of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Code 304
Stainless Steel Chimney Paint - aerosol

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

RUTLAND PRODUCTS

Address (Number, Street, City, State, and Zip Code)

7 CRAB TREE ROAD
JACKSONVILLE, IL 62650

Emergency Telephone Number

CHEMTREC 800-424-9300

Telephone Number Information

217-245-7963

Date Prepared

June 1991

Date Revised

Sept. 04

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

| Chemical Identity | CAS # | OSHA PEL | ACGIH TLV | Other Limits | |
|-------------------|-----------|----------|-----------|------------------|--------------|
| | | | | Recommended | % (optional) |
| Toluene | 0108-88-3 | 50 ppm | 50 ppm | 22 mmHg/20°C | |
| Xylene | 1330-20-7 | 100 ppm | 100 ppm | 5.1 mmHg/20°C | |
| Mineral Spirits | 8052-41-3 | 100 ppm | 100 ppm | 2.6 mmHg/20°C | |
| Acetone | 0067-84-1 | 750 ppm | 750 ppm | 181.7 mmHg/20°C | |
| N-Butane | 0106-97-8 | 800 ppm | 800 ppm | 879.0 mmHg/20°C | |
| Propane | 0074-98-6 | N/E | 1000 ppm | 5637.0 mmHg/20°C | |

HMS Rating - Health: 2 Flammability: 4 Reactivity: 0

Section III - Physical/Chemical Characteristics

| | | | |
|--------------------------|--|---|------|
| Boiling Point | | Specific Gravity (H ₂ O = 1) | |
| Boiling Range 1° - 285°F | | | 0.72 |
| Vapor Pressure (mm Hg) | | Melting Point | |
| See Above | | | N/A |
| Vapor Density (Air = 1) | | Evaporation Rate (Butyl Acetate = 1) | |
| Heavier than air | | | 7.7 |

Solubility in Water

Insoluble in water.

Appearance and Odor

Black paint. Solvent odor.

Section IV - Fire and Explosion Hazard Data

| | | | |
|---------------------------|------------------|------|-------|
| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
| < - 25°F (TCC) | | 0.9% | 12.8% |

Extinguishing Media

Dry chemical, carbon dioxide, foam, fog.

Special Fire Fighting Procedures

Self contained breathing apparatus with a full facepiece - positive pressure.

Unusual Fire and Explosion Hazards

Vapors are heavier than air and may travel along the ground to be ignited.

The information presented herein is based either on data or opinion. Such data is, to the best of our knowledge, true and accurate. Such opinion is believed to be expert, and therefore generally reliable, but in some instances there are conflicts in expert opinion and in these instances we have relied on the opinion which, in our best judgment, appeared the most reasonable. All information herein is presented without guarantee or warranty and Rutland Products disclaims any liability incurred from the use thereof.

Section V - Reactivity Data

| | | | |
|-----------|----------|---------------------|--|
| Stability | Unstable | Conditions to Avoid | Avoid contact with heat, sparks, and open flame. |
| | Stable | | |
| | X | | |

Incompatibility (Materials to Avoid)

Strong oxidizing agents.

Hazardous Decomposition or Byproducts

Thermal decomposition yields oxides of carbon and unidentifiable organic materials.

| | | | |
|--------------------------|----------------|---|-----------------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid None |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

| | | | |
|-------------------|-------------|-------|------------|
| Route(s) of Entry | Inhalation? | Skin? | Ingestion? |
| | Yes | Yes | Yes |

Health Hazards (*Acute and Chronic*)

Eyes: can cause severe irritation, redness, tearing, and blurred vision.
 Skin: prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
 Breathing: excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness.

| | | | |
|-----------------|------|----------------------------------|----|
| Carcinogenicity | NTP? | IARC Monographs? OSHA Regulated? | |
| | No | No | No |

Signs and Symptoms of Exposure
 Chronic over exposure to components in this product have been suggested as a cause of liver damage and cardiac abnormalities in humans.

Medical Conditions Generally Aggravated by Exposure

Swallowing can cause gastrointestinal irritation, nausea, diarrhea, and narcosis.

Emergency and First Aid Procedures

Eyes: flush with large amounts of water for 15 minutes. Get medical attention.
 Skin: thoroughly wash exposed area with soap and water.
 Breathing: remove to fresh air.
 Swallowing: Dilute with water. The decision to induce vomiting or not must be made by a physician after consideration of all materials ingested.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
 Avoid heat, sparks, and open flames. Ventilate area of spill. Dike and contain spill. Transfer to containers for recovery or disposal.

Waste Disposal Method

Consult local, state, and federal regulations for disposal.

Precautions to Be Taken in Handling and Storing

Empty containers may contain residue. Contents under pressure. Keep away from any source of heat.

Other Precautions

Do not take internally. Avoid breathing vapors.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

NIOSH/MSHA approved air supplied respirator.

| | | |
|-------------|-------------------------------|---------|
| Ventilation | Local Exhaust | Special |
| | Sufficient to keep below TLV. | None |
| | Mechanical (<i>General</i>) | Other |
| | Sufficient to keep below TLV. | None |

Protective Gloves

Chemical resistant gloves.

Eye Protection

Goggles.

Other Protective Clothing or Equipment

Chemical resistant apron and boots. Eyewash fountain. Safety shower.

Work/Hygienic Practices

Wash hands or any skin contact with soap and water.

NAME OF PRODUCT: Rutland Stainless Steel Chimney Paint - Aerosol

This product contains the following chemicals subject to the reporting requirements of Section 313 of SARA Title III.

| CAS Number | Chemical Name | %,WT |
|------------|---------------|------|
| 1330-20-7 | Xylene | 5 |
| 0108-88-3 | Toluene | 19 |
| 0067-64-1 | Acetone | 38 |

WARNING: This product contains Toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

The attached MSDS(s) relate potential hazards and recommended practices for safe handling of the product you purchased from RUTLAND PRODUCTS.

We urge you and your employees to review the entire MSDS prior to the handling, use and/or disposal of this product.

You should keep these forms on file for references by yourself, your employees and possible governmental regulatory officials (OSHA, EPA, etc.).

If you resell or distribute a RUTLAND PRODUCT you must by law furnish a copy of the MSDS for that product to your customer. This will help fulfill your duty to warn of any known health and safety hazards.

If you use or sell this product in California, this Material Safety Data Sheet addendum or it's copy should be permanently attached to each MSDS.

On February 27, 1988, the first phase of Proposition 65 regulation involving warnings of the presence of certain chemicals went into effect.

RUTLAND PRODUCTS believes that the law requires us to inform you that detectable amounts of any of the listed chemicals might be present in our product.

Based on a review of the list, our products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to our product as ingredients, some listed chemicals may be present in the raw materials received from suppliers over which we have no control.

Therefore, even though some of the listed substances may not represent a significant risk as defined by the regulations, in order to comply with the California law, we feel obligated to make the following statement:

WARNING: This product may contain trace amounts of some
chemicals considered by the state of California
to be carcinogens or reproductive toxicants.

If you have any questions, please don't hesitate to contact us.