

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 80
1200°F Stove 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 CRABTREE ROAD
JACKSONVILLE, IL 62650

Emergency Telephone Number

CHEMTREC 800-424-9300

Telephone Number Information

217-245-7963

Date Prepared

May 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	6.6 mmHg/20°C	
Aliphatic Petroleum Distillate	64742-89-8	300 ppm	300 ppm		
Acetone	0067-64-1	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	5585.2 mmHg/20°C	

HMIS Rating - Health: 2 Flammability: 4 Reactivity: 0 VOC (Calculated): 5.14 LBS/Gal (615.8 gm/L)

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)	7.7
Heavier than air			

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 Contents under pressure. Do not use or store near sources of heat, sparks, or open flame. 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: May cause severe irritation, redness, tearing, and blurred vision.
 Skin: prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
 Inhalation: excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness.
 Ingestion: Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, & narcosis.

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.
 Inhalation: Remove to fresh air. If breathing stops, apply artificial respiration and seek medical attention.
 Ingestion: 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 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 can 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 (General)	Other
	Sufficient to keep below TLV.	None

Protective Gloves

Chemical resistant gloves.

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 1200°F Stove 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	Toulene	19

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

IMPORTANT INFORMATION

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

Thank you for your business.