

# 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 50, 50B, 50C, 50D, 50E, 50S  
Safe Start Firelighter Squares

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

July 1990

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)
Paraffin Wax	8002-74-2		2 mg/m <sup>3</sup>	(vapor)	

HMIS Rating - Health: 0 Flammability: 1 Reactivity: 0

## Section III - Physical/Chemical Characteristics

Boiling Point		Specific Gravity (H <sub>2</sub> O = 1)	2.2
Greater than 500°F			
Vapor Pressure (mm Hg)	N/A	Melting Point	131-141°F
Vapor Density (Air = 1)		Evaporation Rate (Butyl Acetate = 1)	N/A
Greater than one			

Solubility in Water

Negligible.

Appearance and Odor

Brown solid, mild hydrocarbon odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	450°F	Flammable Limits	LEL	UEL
			N/A	N/A

Extinguishing Media

Water spray, dry chemical foam or carbon dioxide. Water may cause frothing.

Special Fire Fighting Procedures

Use water spray to cool fire-exposed containers.

Unusual Fire and Explosion Hazards

Combustible at high temperatures. Wear SCBA to fight fires.

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  Do not store near sources of ignition.
	Stable	X	

Incompatibility (*Materials to Avoid*)**Avoid contact with strong oxidizers.**

Hazardous Decomposition or Byproducts

**Carbon monoxide, carbon dioxide, and reactive hydrocarbons.**

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*)

Ingestion: Practically non-toxic. May cause gastrointestinal disturbances. Skin: Practically non-toxic. Slightly irritating. Contact with heated materials may cause thermal burns. May cause allergic reactions in some individuals. Eyes: Slightly irritating. Exposure to fumes may cause irritation. Inhalation: May cause respiratory tract irritation.

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

Signs and Symptoms of Exposure

**Fumes: Eye and respiratory tract irritation.**

Medical Conditions Generally Aggravated by Exposure

**Skin allergies.**

Emergency and First Aid Procedures

Ingestion: Do not induce vomiting. Get medical attention.  
 Skin: Wash with soap and water.  
 Eyes: Flush with water. Get medical attention if irritation persists.  
 Inhalation: Remove to fresh air.  
 If breathing is difficult, give oxygen. Get medical help.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

**Sweep up.**

Waste Disposal Method

**Dispose of in accord with all local, state and federal regulations.**

Precautions to Be Taken in Handling and Storing

**Store away from sources of ignition.**

Other Precautions

None.

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> )		
Use NIOSH/OSHA equipment when airborne exposure limits are exceeded.		
Ventilation	Local Exhaust	Special
	Sufficient to keep vapor below TLV.	None
	Mechanical ( <i>General</i> )	Other
	Sufficient to keep vapor below TLV.	
Protective Gloves	Eye Protection	
Wear rubber gloves.	Wear safety glasses.	
Other Protective Clothing or Equipment		
Rubber apron.		
Work/Hygienic Practices		
Use good personal hygiene. Wear regularly cleaned work clothing.		