



# MATERIAL SAFETY DATA SHEET

MSD NUMBER  
MF-031

DATE PRINTED  
November 27, 1995

DATE OF PREPARATION OR REVISION  
November 27, 1995

Page #  
1 of 3

(Generic Fire Starter Products MSD)

HMIS Code: 2-2-0-

**MANUFACTURER:** Mautz Paint Co.

TEL (608) 255-1661

ADDRESS: 939 E. Washington Ave. Madison, WI. 53703

EMERGENCY TEL (608) 262-3702 or (608) 255-1661 or Chemtrek TEL (800) 424-9300

## 1. PRODUCT IDENTIFICATION

<b>PRODUCT CLASS:</b> Fire Starter	<b>TRADE NAME:</b> Fire Ribbon
<b>PROPER SHIPPING NAME:</b> Flammable Paste	
<b>DOT HAZARD CLASS:</b> 3 (Flammable Paste)	
<b>UN NUMBER:</b> 1268	<b>FEDERAL ITEM NUMBER:</b> 155250
<b>PACKING GROUP:</b> III * Note ORM-D Consumer Commodity exemption for packages under 7.5 gal.	

## 2. HAZARDOUS INGREDIENTS and PRODUCTS COVERED BY THIS MSD Sheet:

S-01. Mineral Spirits (Stoddard Solvent) CAS# 8030-30-6 or 8052-41-3	TLV=200ppm
S-02. Odorless Mineral Spirits CAS# 64741-65-7 or 64742-48-9	TLV=300ppm TWA ACGIH
S-04. 140 Solvent (Aliphatic Naphtha) CAS# 64742-47-8	TLV=100ppm TWA ACGIH TLV=500ppm TWA OSHA
S-08. Xylene (Xylol) CAS# 1330-20-7 *May contain some Ethyl Benzene (CAS # 100-41-4, TLV 100ppm) - up to 18% of reported Xylene	TLV=100ppm ceiling
S-09. VM&P Naphtha (Light Aliphatic Naphtha) CAS# 64742-89-8	TLV=300ppm PEL=300ppm
S-10. IsoPropyl Alcohol CAS# 67-63-0	TLV=500ppm

### 2a. PRODUCTS COVERED BY THIS MSD Sheet:

Products Covered	VOC	%NVV	Hazardous Ingredient Levels
9099S Fire Ribon	<775	4%	S-01. 89% S-10. 2%

- ⇒ This product does not contain any added heavy metals (lead, chromium, barium, mercury, etc.), and should pass the TCLP test for heavy metals.
- ⇒ This product may contain one or more reported carcinogens or suspected carcinogens which are noted by NTP, IARC, OSHA OR ACGIH

### 2b. INDIVIDUAL JURISDICTION REPORTING

Pursuant the California Safety Drinking Water and Toxic Enforcement Act of 1986 (commonly known as Proposition 65), it has not been feasible or practical to subject all products to the detailed analyses required to determine whether each of the materials known to California to cause cancer or reproductive toxicity is present in detectable quantities. However, based on available data, the following chemicals listed by the governor of California *may* be present in this product:

The state of New Jersey requires disclosure of the top materials in a mixture. Listed below is the required information:

<b>CAS #</b>	<b>Material</b>
Various (see table)	Solvents

## 3. PHYSICAL DATA

<b>BOILING RANGE:</b> 180-293° F. <b>VAPOR DENSITY:</b> Heavier than air
--



# MATERIAL SAFETY DATA SHEET

MSD NUMBER  
MF-031

DATE PRINTED  
November 27, 1995

DATE OF PREPARATION OR REVISION  
November 27, 1995

Page #  
2 of 3

(Generic Fire Starter Products MSD)

HMIS Code: 2-2-0-

**EVAPORATION RATE:** Slower than n-Butyl Acetate  
**PERCENT VOLATILE BY VOLUME:** See table enclosed  
**WEIGHT PER GALLON:** 6.6 lbs typical.

## 4. FIRE AND EXPLOSION HAZARD DATA

**DOT CATEGORY:** 3(Flammable Liquid) **OSHA/NFPA CLASSIFICATION:** Combustible Liquid-Class IB, IC **FLASH POINT:** 101° F. TCC  
**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, or Foam (NFPA Class B Extinguisher)  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
Containers should be kept tightly closed. Keep away from heat, open flame, electrical equip., sparks. **To avoid spontaneous combustion during temporary storage, soak soiled rags, collection filters, and waste immediately after use, in a water-filled closed metal container.**  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Water may be used to cool containers to reduce rate of burning and resist additional ignition or explosion.

## 5. HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:** See Hazardous Ingredients  
**EFFECTS OF OVEREXPOSURE:**  
Reports have shown repeated and prolonged occupational overexposure to solvents can result in permanent brain and skin damage.  
**Inhalation:** Irritation of eyes and respiratory tract; headache, dizziness and nausea. Persons with pre-existing upper respiratory tract and lung diseases such as bronchitis, emphysema, and asthma may have the condition aggravated by such exposure.  
**Skin:** Irritant.  
**EMERGENCY AND FIRST AID PROCEDURES:**  
**Inhalation:** Remove to fresh air. Restore breathing if necessary. Notify a physician.  
**Eye Contact:** Flush with water. Notify a physician.  
**Skin Contact:** Wash with soap and water. Contaminated clothing should be removed and washed prior to reuse.

## 6. REACTIVITY DATA

**STABILITY:** Stable **INCOMPATIBILITY:** Avoid strong Oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
Combustion will produce Carbon Monoxide & Carbon Dioxide  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**CONDITIONS TO AVOID:** Heat, Open Flame, Sparks.

## 7. SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
Eliminate ALL sources of ignition. Ventilate area. Soak up spill with absorbent material (sawdust). Remove with grounded (non sparking) equipment.  
**WASTE DISPOSAL METHOD:**  
Incinerate under safe conditions. Disposal should be in accordance with local, state, and federal regulations.



# MATERIAL SAFETY DATA SHEET

MSD NUMBER  
MF-031

DATE PRINTED  
November 27, 1995

DATE OF PREPARATION OR REVISION  
November 27, 1995

Page #  
3 of 3

(Generic Fire Starter Products MSD)

HMIS Code: 2-2-0-

## 8. SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Use NIOSH approved chemical cartridge respirator (TC23C) to remove solvent vapors during extended use. Maintain proper ventilation. Concentrated areas may require NIOSH approved chemical respirator (TC23C) to remove vapors during application.

**VENTILATION:**

Use local exhaust to maintain TLV of most hazardous ingredient (SEE HAZARDOUS INGREDIENTS) below acceptable limit.

**PROTECTIVE GLOVES:** Yes

**EYE PROTECTION:** Keep product away from eyes. Use safety glasses in situations where paste may splatter or squirt out of container, or become airborne.

**OTHER PROTECTIVE EQUIPMENT:** Eye Bath/Safety Shower.

## 9. SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Keep away from heat, open flame or sparks. Store in an area suitable for Flammable or Combustible liquids.

**OTHER PRECAUTIONS:** Not to be taken internally. Close container when not in use to avoid emission of VOC's.

*The information contained in this Material Safety Data Sheet is believed to be reliable based on information available during the compilation of data. No guarantee is expressed or implied regarding the accuracy of this information or the use of the product since the conditions for use are beyond our control. The Mautz Paint Company urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application, especially if they reuse or resell this product for applications other than what product meant for, and disclaims any liability incurred in connection with the use of our products and the information contained herein. No person is authorized or empowered to make any statement or recommendation not contained herein, and any such statement or recommendation so made shall not bind the Company.*