

**Section 1 Chemical Product and Company Identification**

**Product identifiers**

Product name: Master Kincote Vermillion

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Pattern Coating for Industrial Use

**Details of the supplier of the safety data sheet:**

Freeman Manufacturing and Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Phone (440) 934-1902  
 FAX (440) 934-7200

HMIS	
H	2
F	3
R	0
PPE	
Sec. 8	

**24 Hour Emergency Phone Number: (800) 424-9300**

**Section 2 Hazards Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

- Flammable Liquid, Category 2
- Skin Irritation, Category 2
- Eye Irritation, Category 2
- Single Target Organ Toxicity, single exposure, Category 3
- Carcinogen, Category 2
- Reproductive Toxicity, Category 2
- Single Target Organ Toxicity, repeated exposure, Category 2

**GHS Label elements, including precautionary statements**



**Signal word**

**Danger**

**Hazard statements**

- Highly flammable liquid and vapor.
- Causes skin irritation.
- Causes serious eye irritation.
- May cause drowsiness or dizziness.
- Suspected of causing cancer.
- Suspected of damaging fertility or the unborn child.
- May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

**Prevention**

- Obtain special instructions before use.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Section 2 Hazards Identification** continued

Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

**Response**

IF ON SKIN: Wash with plenty of water.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Call a POISON CENTER/doctor if you feel unwell.  
Specific treatment (see on this label).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.

**Storage**

Store in a well-ventilated place. Keep cool.

**Disposal**

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

**Section 3 Composition/Information on Ingredients**

Ingredient Name	CAS Number	Weight %
Isobutyl Acetate	110-19-0	25-50
Xylene	1330-20-7	10-25
PMA	108-65-6	2.5-10
2-Propanol	67-63-0	2.5-10
Ethyl Benzene	100-41-4	2.5-10

**Section 4 First Aid Measures**

**If inhaled:** Move person into fresh air. If not breathing, give artificial respiration.  
**In case of skin contact:** Wash off with soap and plenty of water. If skin irritation continues, consult a doctor.  
**In case of eye contact:** Remove contact lenses, if worn. Flush opened eyes thoroughly with water. If irritation persists, get medical assistance.  
**If swallowed:** Call a physician or Poison Control Center immediately.

**Section 5 Fire-Fighting Measures**

**Suitable extinguishing media:** Use alcohol-resistant foam, dry chemical or carbon dioxide.  
**Unusual fire and explosion hazards:** Remove all sources of ignition.

**Section 5 Fire-Fighting Measures** continued

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas. Remove all sources of ignition. Ensure adequate ventilation. Remove all non-essential people from the area. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and keep in suitable, closed containers for disposal.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Use normal precautions when handling flammable materials. Do not breathe fumes or vapor. Do not allow material to contact skin. Provide appropriate exhaust ventilation.

**Conditions for safe storage**

Store at ambient temperatures in closed containers. Keep in a well-ventilated place. Store away from foodstuffs. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Isobutyl Acetate	150 ppm	Not established	150 ppm	Not established
Xylene	100 ppm	Not established	100 ppm	150 ppm
2-Propanol	400 ppm	Not established	200 ppm	400 ppm
PMA	None estab.	Not established	50 ppm	Not established
Ethyl Benzene	100 ppm	Not established	100 ppm	125 ppm

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

**Personal protective equipment**

**Eye/face protection**

With product at ambient temperatures, use safety glasses equipped with side shields.

**Skin protection**

**Hand Protection**

With product at ambient temperatures, use disposable nitrile gloves. Contaminated gloves should be replaced.

**Body Protection**

Prevent skin contact when handling material.

**Section 8 Exposure Controls/Personal Protection** continued

**Respiratory Protection**

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist pre-filter should be used.

**General Hygienic Practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Vermillion heavy liquid
<b>Odor</b>	Characteristic solvent
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point/Freezing Point</b>	No data available
<b>VOC (g/L)</b>	620
<b>Boiling Range</b>	118 - 485°F
<b>Flash Point</b>	44.6°F (7°C)
<b>Evaporation Rate</b>	7.70
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure</b>	33.0 mmHg
<b>Vapor Density</b>	4.60
<b>Specific Gravity</b>	0.985
<b>Water Solubility</b>	No data available
<b>Coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

**Section 10 Stability and Reactivity**

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended storage conditions
<b>Conditions to avoid</b>	Heat and open flames
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition</b>	Carbon monoxide, carbon dioxide

**Section 11 Toxicological Information**

<b>Acute Oral Toxicity</b>	Harmful: may cause lung damage if swallowed
<b>Acute Inhalation Toxicity</b>	Respiratory tract irritant
<b>Acute Dermal Toxicity</b>	No data available

**Section 11 Toxicological Information** continued

<b>Skin Corrosion/Irritation</b>	Skin irritant
<b>Serious Eye Damage/Eye Irritation</b>	Eye irritant
<b>Respiratory or Skin Sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available on this product
IARC	Xylene - Class 3: not classifiable as to its carcinogenicity in humans. Ethyl Benzene - Group 2B: suspect human carcinogen.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity</b>	
- single exposure	No data available
<b>Specific target organ toxicity</b>	
- repeated exposure	No data available
<b>Aspiration hazard</b>	No data available

**Section 12 Ecological Information**

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

**Section 13 Disposal Considerations**

Use safety containers for disposal. Contact a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

**Section 14 Transport Information**

**DOT: Proper Shipping Name:** Paint, Flammable Liquid  
**Hazard Class:** 3  
**UN /NA Number:** 1263  
**Packing Group:** II  
**Label:** Flammable Liquid  
**Hazard SubClass:** No Information  
**Response Guide Page:** 128

**Section 15 Regulatory Information**

**US Federal Regulations**

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed  
 RCRA Hazardous Waste Classification (40 CFR 261): Not classified  
 SARA 311/312 Codes: Fire Hazard, Acute Health Hazard, Chronic Health Hazard  
 SARA 313 Toxic Chemical: Xylene (1330-20-7), Ethyl Benzene (100-41-4), Toluene (108-88-3)


**Toxic Substance Control Act (TSCA)**

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

**US State Regulations**

Chemical Name	CAS Number	NJ Right-to-Know	PA Right-to-Know
Phenolic/Rosin	Non-Hazardous	X	X
Nitrocellulose	9004-70-0	X	X
Diisononyl Phthalate	28553-12-0		X

**California Proposition 65**

 **WARNING:** This product can expose you to chemicals including ethyl benzene and toluene, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Section 16 Other Information**

**Disclaimer**

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