



**Section 1 Identification**

**Product identifiers**

Master FOUNDRY-KOTE Clear

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

Lacquer pattern coating. For industrial and professional use only.

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

Freeman Manufacturing & Supply Company  
1101 Moore Road, Avon, OH 44011-4043 USA  
Telephone: +1 800 321-8511  
Email: contactus@freemansupply.com

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

**Section 2 Hazards Identification**

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

Flammable Liquid, Category 2  
Acute Toxicity, Inhalation, Category 4  
Aspiration Toxicity, Category 1  
Carcinogen, Category 2  
Eye Irritation, Category 2A  
Skin Irritation, Category 2  
Single Target Organ Toxicity, Single Exposure, Nervous System, Category 3

**GHS Label elements, including precautionary statements**



**Danger**

**Hazard statements**

H225 Highly flammable liquid and vapour.  
H332 Harmful if inhaled.  
H304 May be fatal if swallowed and enters airways.  
H351 Suspected of causing cancer.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statements**

P201 Obtain special instructions before use.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area. Use only in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



### Section 2 Hazards Identification

P308+P313 IF exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P321 Specific treatment (see on this label).  
P331 Do NOT induce vomiting.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P370+P378 In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local rules and regulations.

#### Hazards not otherwise classified (HNOC) or not covered by GHS

11% of the mixture consists of ingredients of unknown acute toxicity.

### Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight %
Isobutyl Acetate	110-19-0	25-50
2-Propanol	67-63-0	2.5-10
m-Xylene	108-38-3	2.5-10
p-Xylene	106-42-3	2.5-10
Propylene Glycol Monomethyl Ether Acetate	108-65-6	2.5-10
Ethyl Benzene	100-41-4	2.5-10
o-Xylene	95-47-6	1.0-2.5

### Section 4 First Aid Measures

**If inhaled:** Move person into fresh air. If not breathing, give artificial respiration.  
If irritation persists, get medical assistance.  
**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:** Harmful if swallowed, seek medical advice 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.  
**Advice for firefighters:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Wear self-contained breathing apparatus for firefighting if necessary.  
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 or firefighting foam enter drains.



### Section 6 Accidental Release Measures

#### 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-TWA	PEL-Ceiling	TLV-TWA	TLV-STEL
Isobutyl Acetate	150 ppm	Not established	150 ppm	Not established
2-Propanol	400 ppm	Not established	200 ppm	400 ppm
m-Xylene	100 ppm	Not established	100 ppm	150 ppm
p-Xylene	100 ppm	Not established	100 ppm	150 ppm
Ethyl Benzene	100 ppm	Not established	100 ppm	125 ppm
o-Xylene	100 ppm	Not established	100 ppm	150 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 eyewash station and safety shower should be located near the workstation.

#### Personal protective equipment

**Eye/face protection:** Wear safety glasses equipped with side shields.

**Hand protection:** Wear disposable nitrile gloves. Contaminated gloves should be replaced.

**Body protection:** Prevent skin contact when handling material.

**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.

Remove contaminated clothing promptly and clean thoroughly before reuse.

### Section 9 Physical and Chemical Properties

<b>Appearance</b>	Clear 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>	622



### Section 9 Physical and Chemical Properties

<b>Boiling Range</b>	177-536°F
<b>Flash Point (CC)</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>Relative density (g/cc)</b>	0.971
<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

#### Effects of Overexposure

**Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**Skin contact:** Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

**Eye Contact:** Direct eye contact may cause irritation.

**Ingestion:** Harmful: may cause lung damage if swallowed.

#### Acute Toxicity Values

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>
2-Propanol	67-63-0	5000	12800
p-Xylene	106-42-3	4300	2000
Ethyl Benzene	100-41-4	3500	17800
o-Xylene	95-47-6	4300	2000

<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available on this product
<b>Reproductive toxicity</b>	No data available

### Section 12 Ecological Information

<b>Ecotoxicity</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

Contact waste disposal services. Dispose of in accordance with all local, state and federal regulations.

### Section 14 Transport Information

#### DOT

**UN Number:** 1263  
**Proper Shipping Name:** Paint, Flammable Liquid  
**Hazard Class:** 3  
**Packing Group:** II  
**Label:** Flammable Liquid  
**Response Guide Page:** 128

### Section 15 Regulatory Information

#### U.S. Federal Regulations

##### **Superfund Amendment and Reauthorization Act of 1986 (SARA Title III), Sections 311 and 312:**

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Aspiration Hazard

##### **SARA 313 Toxic Chemical**

Chemical Name	CAS Number
2-Propanol	67-63-0
m-Xylene	108-38-3
p-Xylene	106-42-3
Ethyl Benzene	100-41-4
o-Xylene	95-47-6

**Toxic Substance Control Act (TSCA):** All components of this material are listed on the US Toxic Substance Control Act (TSCA inventory).

#### U.S. State Regulations

**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, birth defects, or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### Section 16 Other Information

**HMIS Ratings:** Health: 2 Flammability: 3 Reactivity: 0 Personal Protection: X

#### Disclaimer

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