

**THERMAL MASTIC**  
Material Safety Data Sheet

**SECTION I - COMPANY IDENTIFICATION**

**PRODUCT:** THERMAL MASTIC

**CAT. NO.:** PM8, PM21, PM25, PM50

**DISTRIBUTED BY:**  
Virginia KMP Corporation  
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Dallas, Texas 75237

**TELEPHONE NUMBERS:**  
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**SECTION II - HAZARDOUS INGREDIENTS**

**OSHA Hazardous Components (29 CFR 1910.1200)**

**EXPOSURE LIMITS: 8 HR. TWA**

Petroleum distillate (CAS# 64741-96-4)  
Calcium Carbonate (CAS# 471-34-1)  
Kaolin (CAS# 1332-58-7)  
1-propene, 2-methyl - homopolymer (CAS# 9003-27-4)

OSHA PEL	ACGIH TLV
NE	NE
15 mg/m <sup>3</sup> (dust)	NE
15 mg/m <sup>3</sup> (dust)	NE
NE	NE

**SECTION III - HAZARDS IDENTIFICATIONS**

**EMERGENCY OVERVIEW:** CAUTION! Causes skin and eye irritation. Inhalation of vapors may be narcotic or anesthetic.

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** Causes irritation.  
**EYE CONTACT:** Liquid or vapors are irritating.  
**SKIN CONTACT:** Can cause irritation to skin.  
**INGESTION:** Ingestion of liquid will cause gastrointestinal distress, irritation and possibly nausea.

**CHRONIC Effects:** Not known.

**NOTE:**

**CARCINOGENICITY:** LISTED IN NTP? No

IARC? No

OSHA Regulated? No

**SECTION IV - FIRST AID MEASURES**

**INHALATION:** Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.  
**EYE CONTACT:** Flush eyes with water for 15 minutes. Get medical attention if symptoms develop and persist.  
**SKIN CONTACT:** Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.  
**INGESTION:** Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

**SECTION V - FIRE FIGHTING MEASURES**

**FLASHPOINT (TEST METHOD):** Above 100 F  
**FLAMMABLE LIMITS:** LOWER: ND UPPER: ND  
**AUTOIGNITION TEMPERATURE:** ND

**GENERAL HAZARD:**

**FIRE FIGHTING INSTRUCTIONS:** Approach fire from upwind side. Avoid breathing smoke, fumes, mist or vapors on the downwind side. Firefighters wear protective clothing and self contained breathing apparatus.

**EXTINGUISHING MEDIA:** Carbon dioxide, water fog or spray.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, carbon dioxide, carbon monoxide.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Emergency response coordinator must have mandated training. Eliminate all ignition sources. **SMALL SPILLS:** Pick up with absorbent materials and place in non-leaking containers; seal tightly for proper disposal or reuse. **LARGE SPILLS:** Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum truck or pump to storage/salvage vessels.

**LAND SPILL:** Clean up leaks/spills immediately to prevent soil or water contamination.

**WATER SPILL:** Notify proper authorities.

**THERMAL MASTIC****SECTION VII - HANDLING AND STORAGE**

**HANDLING:** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section IV. Launder contaminated clothing before reuse.

**STORAGE:** Store in a cool, dry place.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Local and mechanical ventilation recommended.

**PERSONAL PROTECTION:** Not required under normal conditions. Use boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes. Self-contained breathing apparatus required if exposure to decomposition product is likely.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**VAPOR PRESSURE:** ND

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** >1

**SOLUBILITY IN WATER:** Insoluble

**pH:** NA

**BOILING POINT:** ND

**APPEARANCE & ODOR:** Gray paste, solvent odor.

**VAPOR DENSITY (Air=1):** ND

**EVAPORATION RATE (BuA=1):** ND

**VOC (GL):** 200 - 400

**FREEZING POINT:** ND

**SECTION X - STABILITY AND REACTIVITY**

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** NA

**MATERIALS TO AVOID:** Oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, carbon dioxide and carbon monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION XI - TOXICOLOGICAL INFORMATION**

Kaolin	TDLs:	590 g/kg	(oral - rat)
Calcium Carbonate	500 mg/24	Mod	(skn - rabbit)
	750 g/24 Sev		(eye - rabbit)
	LD50:	6450 mg/kg	(oral - rat)

**SECTION XII - ECOLOGICAL INFORMATION**

NA

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Dispose as hazardous waste. Classification and documentation is required before disposal. Follow all local, state and federal regulations.

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Not regulated.

**HAZARD CLASS:** NA

**IDENTIFICATION NUMBER:** NA

**DOT Emergency Guide #:** NA

**Reportable Quantity (RQ):** NA

**International:** NA

**SECTION XV - REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act):** Components of this product are listed on the TSCA Inventory.

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):** None listed.

**SARA TITLE III (Superfund Amendments and Reauthorization Act):** None listed.

**CALIFORNIA PROPOSITION 65:** Not listed.

**SECTION XVI - OTHER INFORMATION**

**State Right-to-Know Programs:** MA, PA

**NFPA Ratings**

Health: 1

Flammability: 0

Reactivity: 0

**HMS Protective Equipment:** X See your supervisor

Prepared by: Virginia KMP Corporation

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