

## SAFETY DATA SHEET

**Item Code: N0020/21/22**

<b>Section 1.</b>	<b>Identification of the material and the supplier</b>
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Item Code:	N0020/21/22
Product:	Thermal; Mastic
Product Use:	Sealant
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
<b>Emergency Telephone:</b>	<b>09 526 5700</b> <b>0800 766 764 (National Poison Centre)</b>
Manufacturer:	Virginia KMP Corp, 4100 Platinum Way, Dallas, Texas, USA
Date of MSDS Preparation:	14 March 2017 – version 2

<b>Section 2.</b>	<b>Hazards Identification</b>
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**This substance is likely to be hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**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.

<b>Section 3.</b>	<b>Composition / Information on Ingredients</b>
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Ingredients	Wt%	CAS NUMBER.
Petroleum Distillate	Not available	64741-96-4
Calcium Carbonate	Not available	471-34-1
Kaolin	Not available	1332-58-7
1-propene, 2 methyl-homopolymer	Not available	9003-27-4

<b>Section 4.</b>	<b>First Aid Measures</b>
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Routes of Exposure:

If in Eyes                      Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.

If on Skin                        Remove contaminated clothing and wash skin with warm soapy water. Get medical assistance if symptoms persists.

If Swallowed If swallowed, call a physician immediately. Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person.

If Inhaled Remove person to fresh air. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult. If needed, immediately begin artificial respiration.

**Section 5. Fire Fighting Measures**

<b>Hazards from decomposition products</b>	Smoke, carbon dioxide, carbon monoxide
<b>Suitable Extinguishing media</b>	Carbon Dioxide, water fog or spray
<b>Precautions for firefighters and special protective clothing</b>	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.
<b>HAZCHEM CODE</b>	<b>Not available</b>

**Section 6. Accidental Release Measures**

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.

**Section 7. 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 8 Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	CAS #	TWA mg/m3	STEL mg/m3
Kaolin (2001) (as respirable dust)	1332-58-7	10mg/m3	2mg/m3
Petroleum distillate (as oil mist)	64741-96-4	5 mg/m3	5 mg/m3

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or*

narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

**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 9 Physical and Chemical Properties**

<b>Appearance</b>	Grey Paste
<b>Odour</b>	Solvent Odour
<b>Flash Point</b>	>37.7°C
<b>Boiling Point</b>	Not available
<b>VOC (G/L):</b>	200 - 400
<b>Specific Gravity (H2O=1):</b>	>1
<b>Solubility in Water</b>	Insoluble

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	Oxidisers
<b>Hazardous Decomposition Products</b>	Smoke particulates, carbon dioxide and carbon monoxide

**Section 11 Toxicological Information**

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

**Section 12. Ecotoxicological Information**

None known

**Section 13. Disposal Considerations**

Triple rinse the container and dispose of according to local authorities

**Section 14 Transport Information**

Not classified as a Dangerous Good for road transport in NZ ; NZS 5433:2007 based on the USA proprietor's US DOT information.

**Section 15 Regulatory Information**

This substance is likely to be hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

<b>Section 16</b>	<b>Other Information</b>
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Information provided by the USA distributor of this product in their Safety Data Sheet was insufficient to assess its hazardous classification under the HSNO Classification Regulations 2001

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

#### Disclaimer

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Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

Issue Date: 10 May 2012

Review Date: 10 May 2017