



Chemical Name: Heat Transfer Compound

Manufacturer: KMP

Container Size: 7.5 oz.

Location: VLA

Disposal: Place empty container in trash.

SAFETY DATA SHEET

THERMAL MASTIC

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME THERMAL MASTIC
 PRODUCT NO. PM50, PM21, PM25
 SUPPLIER Virginia KMP Ltd
 Cortonwood Drive
 Brampton
 Barnsley
 South Yorkshire S73 0UF
 Tel: +44(1226)273400

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CALCIUM CARBONATE	207-439-9	471-34-1	60-80%	Xi;R36/37/38.
KAOLIN	310-194-1	1332-58-7	5-15%	-

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

CLASSIFICATION Xi;R36/37/38.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped. Get medical attention immediately.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention immediately!

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Carbon dioxide (CO₂). Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Keep up-wind to avoid fumes. Avoid breathing fire vapours.

SPECIFIC HAZARDS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHODS

Small Spillages Absorb in vermiculite, dry sand or earth and place into containers. Absorb with sand or other inert absorbent. Large Spillages If leakage cannot be stopped, evacuate area. Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. Transfer to a container for disposal.

THERMAL MASTIC**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Avoid contact with skin and eyes. Avoid inhalation of vapours. Observe good industrial hygiene practices. Avoid eating, drinking and smoking when using the product.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
KAOLIN	WEL		2 mg/m3 resp.dust		
CALCIUM CARBONATE	WEL		4 mg/m3 resp.dust		

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Wash hands after handling. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste		
COLOUR	Grey		
ODOUR	Solvent.		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	> 1	FLASH POINT (°C)	> 37°C Not noted.
VOLATILE ORGANIC COMPOUND (VOC)	200 - 400 g/litre		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO₂) are formed.

11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

INGESTION

May cause discomfort if swallowed. May cause stomach pain or vomiting.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

THERMAL MASTIC**12 ECOLOGICAL INFORMATION**

ECOTOXICITY

There are no data on the ecotoxicity of this product.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S37 Wear suitable gloves.
 S51 Use only in well-ventilated areas.
 S60 This material and its container must be disposed of as hazardous waste.

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 05-2006

RISK PHRASES IN FULL

NC Not classified.
 R36/37/38 Irritating to eyes, respiratory system and skin.