

## TROWEL MASTIC

Issue 3 - October 2005 - 01/011

### Description:

Trowel Mastic is a heavily bodied bituminous mastic that is used for filling joints, cracks and splits in roofing and building materials including roofing felt, asphalt, concrete, asbestos cement and metallic guttering and drainpipes. It is resistant to water penetration immediately after application and is ideally suited for maintenance and remedial work.

### Preparation:

Ensure that the surface is clean, dry and free from oil, grease, dirt and organic growth. Organic growth such as moss and lichen can be removed using Fungicidal Wash. Bolt heads on roof sheets should be wire brushed to remove rust before being sealed with Trowel Mastic. Porous surfaces should be primed with Bituminous Primer in order to seal the surface and allowed to dry thoroughly.

### Application:

In order to assist application, tools can be lubricated with white spirit or paraffin. Apply Trowel Mastic by trowel or putty knife, forcing material into cracks and joints and smoothing out on either side. Cracks or joints of more than 3mm should be reinforced with glass fibre scrim and covered with a second application of mastic.

### Colour:

Dark Brown

### Coverage Rates:

2m<sup>2</sup>/litre on average for a 2mm thickness.

### Drying Time:

Drying time depends on weather conditions and film thickness. Heavy applications will result in extended drying times.

### Container Sizes:

1, 2.5, 5 and 25 litres

### Cleaning:

All tools should be cleaned immediately after use with White Spirit. Hardened material can be removed by soaking in white spirit.

### Shelf Life:

After use replace the lid to ensure an airtight seal. Shelf life is indefinite if container is kept sealed and is stored in a dry area.

### Storage:

Store away from children, preferably under cover and between 8°C - 25°C.

### Health & Safety:

Please refer to health and safety data sheet on Trowel Mastic

### Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below:

All products should be sold in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer, where conditions of use are beyond our control. Cromar Building Products Limited products are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use, and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.

# TROWEL MASTIC

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## MATERIAL SAFETY DATA SHEET

Date of issue: September 2001      Version 2

Cromar Building Products Limited  
Unit 3, The Maltings Industrial Estate  
Doncaster Road  
Whitley Bridge  
Goole  
North Yorkshire, DN14 0HH  
Tel: 01977-663133  
Fax: 01977-662186

### 1. Identification of the product

Product:      Trowel Mastic

### 2. Composition/information on ingredients

Solvent based thick bituminous fibrous filler

<u>CAS No</u>	<u>Chemical name</u>	<u>weight %</u>	<u>Symbol &amp; R-phrases</u>
64475-85-0	hite spirit	20	F      R10
64741-56-6	itumen	30	R40

### 3. Hazard identification

Flammable. Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis. Possible risk of irreversible effects.

### 4. First aid measures

General Advice:      Good standards of industrial hygiene are strongly recommended.  
Inhalation:            Remove to fresh air, keep warm and at rest. Obtain medical assistance.  
Skin Contact:         Use proprietary skin cleanser to remove contamination. Wash thoroughly with soap and water.  
Eye Contact:          Flush thoroughly with copious quantities of clean water. Seek medical advice.  
Ingestion:             Do not induce vomiting. Seek medical advice.  
Medical Information: Where aspiration into lungs is suspected due to involuntary vomiting, seek immediate medical advice.

### 5. Fire fighting measures

Suitable Extinguish Media:      Foam, Dry Powder, CO<sub>2</sub>.  
Unsuitable Extinguish Media:    Never use water jet  
Special Hazards:                  Products of combustion are those normal for carbonaceous materials.  
Special Protective Equipment:    Self-contained breathing apparatus and full protective clothing should be used, particularly in confined areas.

### 6. Accidental release measures

Personal Precautions:              Use personal protective clothing and gloves.  
Environmental Precautions:        Prevent entry into drains and watercourses.  
Clean Up Methods:                  Recover and contain any spillage using inert absorbent material, if necessary. Waste material should be disposed of according to Local Authority Waste Disposal Regulations.

### 7. Handling and storage

Handling:            Use only in well-ventilated areas. Avoid inhalation of fumes/vapour. Prolonged or repeated contact may lead to irreversible effects.  
Storage:             Store in cool, dry area away from source of ignition. When not in use keep container tightly sealed.

## **8. Exposure controls/Personal Protection**

Engineering Control Measures:	None required.
General Protection and Hygiene Measures:	Use of protective clothing and good industrial hygiene practice is recommended.
Respiratory Protection:	None required.
Hand Protection:	Use of P.V.C gloves recommended.
Eye Protection:	None required.

## **9. Physical and chemical properties**

Appearance:	Black fibrous paste
Odour:	Petroleum Spirit
Boiling Point/Range:	Not Applicable.
Flash Point:	Approx. 38°C min.
Upper Explosion Limit:	For White Spirit – 8.0% Vol.
Lower Explosion Limit:	For White Spirit – 0.6% Vol.
Solubility (Water):	Insoluble.
Flammability:	Flammable.
Auto-Ignition Temperature:	Approximately 230°C.
Vapour Density (Air =1):	5.5g/l @ 20°C (White Spirit).
Vapour Pressure:	0.44 kPa @ 20°C (White Spirit).

## **10. Stability and reactivity**

Conditions To Avoid:	Temperatures > 75°C encourage mobility.
Materials to Avoid:	Oxidising agent, strong acids and alkalis, halogens.
Hazardous Decomposition Products:	The product is stable, but combustion products are toxic, as for carbonaceous materials.

## **11. Toxicological information**

Ingestion:	Slight oral toxicity.
Skin Contact:	Prolonged and repeated contact may lead to irreversible effects.
Eye Effects:	Can cause irritation.
Exposure Limits:	As for White Spirit OEL Sol 600 mg/m <sup>3</sup> (8 hr T.W.A)

## **12. Ecological information**

Persistence and Degradation:	No Information Available.
Mobility and Bio-Accumulation Potential:	No Information Available.
Other Information:	Spillage into watercourses would be harmful to aquatic organisms.

## **13. Disposal considerations**

### Recommendations on Product

Disposal: Dispose of any waste material in accordance with the Local Authority Waste Disposal Regulations.

## **14. Transport information**

UN No:	1263
Description:	Paint
Class:	3
Item No:	3, 32° (C)
Symbol:	"Flammable Liquid" Diamond, Marine Pollutant Label (sea borne shipments only).
Packaging Group:	III
Emergency Action Code:	3 (Y)
ADR Class:	3
IMCO & ICAO Hazard Class:	3.3
IATA Class:	3
RID Hazard Class:	3, 32°C

## 15. Regulatory information

R10	Flammable
R40	Possible risk of irreversible effects
R52	Harmful to aquatic organisms
S2	Keep out of reach of children
S16	Keep away from source of ignition – no smoking
S 7/9	Keep container tightly closed in a well ventilated place.
S24	Avoid contact with skin
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S43	In case of fire use dry powder, CO <sub>2</sub> or foam – NEVER WATER.

EEC Symbol Xn Harmful. Contains Bitumen Solvent Blend

## 16. Other information

Customers are urged to ensure that the product is entirely suitable for their own purpose. If requested, Cromar Building Products Limited can assist in technical discussions. If this product is redistributed or reformulated for sale, details of its hazards and the recommended methods for safe handling must be passed to customers.

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. **Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**

This information is given in good faith, being based on the latest knowledge available to Cromar Building Products Limited. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designated to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Cromar Building Products Limited for further advice before the proposed application is undertaken.

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### **CROMAR BUILDING PRODUCTS**

Unit 3 The Maltings Industrial Estate, Doncaster Road, Whitley Bridge, North Yorkshire DN14 0HH

Tel: 01977 663133 Fax: 01977 662186

www.cromar.uk.com sales@cromar.uk.com