

CROMAR BUILDING PRODUCTS

MATERIAL SAFETY DATA SHEET

ROOFING FELT ADHESIVE

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1. Identification of the product

Product: Roofing Felt Adhesive

2. Composition/information on ingredients

A solvent based bituminous roofing adhesive

<u>CAS No</u>	<u>Chemical name</u>	<u>Weight %</u>	<u>Symbol & R-phrases</u>
64475-85-0	white spirit	10-40	F R10
64742-93-4	bitumen		R40
1330-20-7	mixed Xylene	0-20	Xn, F R10, 20/1, 38

3. Hazard identification

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

4. First aid measures

Inhalation: Remove to fresh air. If discomfort persists seek medical advice.

Skin contact: Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.

Eye contact: Irrigate immediately with clean water for 15 minutes and obtain medical attention.

Ingestion: If swallowed, seek medical advice immediately. Do not induce vomiting.

5. Fire fighting measures

Suitable extinguishing measures: dry powder, CO2, foam, sand, earth
Unsuitable extinguishing measures: never water jet
Special exposure hazards in fires: none known
Required special protection
equipment for fire fighters: wear suitable protective clothing

6. Accidental release measures

Precautions: Stem flow of spilled material. Extinguish all naked flames and cigarettes. Material should be mopped up immediately with an inert absorbent material such as sand, earth etc. Prevent spills from entering sewers and drains. Dispose of at an appropriate licensed waste disposal site in accordance with current laws and regulations.

7. Handling and storage

Handling: Ensure adequate ventilation.
Storage: Should be stored under cover out of direct sunlight and away from sources of heat and ignition.

8. Exposure controls

UK Occupational exposure standards EH40
Mixed xylenes 50 ppm 220 mg/m³ (8HR TWA)
Respiratory protection: Should not be necessary with adequate ventilation. In poorly ventilated areas, a cartridge mask approved for organic vapours is recommended.
Hand protection: Wear suitable impervious gloves.
Skin protection: Appropriate protective clothing
Eye protection: Appropriate chemical resistant goggles

9. Physical and chemical properties

Appearance: Black liquid
Odour: petroleum solvent
pH: not applicable
Boiling point
/boiling point range: not determined
Melting point/
melting point range: not applicable
Flash point (°C) closed cup: 25° C
Flammability: flammable
Autoflammability: approx. 230° C
Explosive properties: UEL 8 % Vol. LEL 0.6% Vol.
Oxidising properties: not applicable
Vapour pressure: 0.44kPa for white spirit, 0.93 kPa for mixed xylenes
Relative density: approx. 0.94
Solubility (water and fat) immiscible with water

10. Stability and reactivity

Stable under normal conditions. Avoid excessive heat.
Hazardous decomposition products: CO₂, CO, H₂S, oxides of nitrogen and sulphur.

11. Toxicological information

Short-term skin exposure may lead to dermatitis. Long term skin exposure may cause irreversible effects.

12. Ecological information

The preparation has not been tested but the slow rates of biodegradation of bitumen can cause interference with the normal functioning of ecological cycles. Bitumen should therefore be contained and spills avoided.

13. Disposal considerations

Disposal of material should be incineration in accordance with local regulations. Packaging should be similarly disposed of.

14. Transport information



ADR

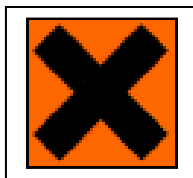
UN number: 1993
Hazard Class: 3
Packing Group: III
Proper shipping name: Flammable liquid, NOS (contains white spirit)
Tunnel restriction code: D/E

IMCO

UN number: 1993
Hazard Class: 3
Packing Group: III
Proper shipping name: Flammable liquid, NOS (contains white spirit)
Marine pollutant: Yes

15. Regulatory information

Labels for supply:



The formulation has not been tested. The components have the following phrases:

R10	Flammable
R20/1	Harmful by inhalation and skin contact
R38	Irritating to skin
R40	Possible risk of irreversible effects
S16	Keep away from sources of ignition – no smoking
S24	Avoid contact with skin

S36/37/39
S38

Wear suitable protective clothing, gloves and eye/face protection.
In case of insufficient ventilation, wear suitable respiratory equipment.

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.