

Material Safety Data Sheet High Performance Felt Adhesive

1. Identification of the Preparation and Company

High Performance Roof Felt Adhesive
For bonding and sealing roofing felts
Company Identification:
Marley Waterproofing
Covert Road
Aylesham Industrial Estate
Aylesham
Kent CT3 3EQ
Telephone Number 0844 815 6463

2. Composition/Information on Ingredients

Mixture of aliphatic and aromatic hydrocarbons and bitumen
Components contributing to the hazard:
1) naphta light aliphatic - aromatic - CAS no: .64742-82-1 hazard: Conc. wt.(%): 20 < C <= 30 - Symbol(s): Xn N - R-phrases(s): 10-51/53-65-66-67
2) solvent naphta 100 - CAS no: .64742-95-6 - EC no: 265-199-0 Conc. wt.(%): 10 < C <= 20 - Symbol(s): Xn N - R-phrases(s): 10-37- 65-66-67- 51/53

3. Hazards Identification of the Preparation

Most important hazards:
Vapour / air mixture is flammable.

Specific hazards:
Repeated or prolonged exposure may cause: headache, skin irritation and irritation of mucous membranes.

4. First Aid Measures

General advice:
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:
Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Skin contact:
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

Eye contact:
Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Ingestion:
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. Fire Fighting

Suitable extinguishing media:

alcohol-resistant foam, carbon dioxide (CO₂), powder, water spray.

Extinguishing media which must NOT be used for safety reasons:
Do not use water jet.

Specific method(s):
Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

Specific fire hazard(s):
As the product contains combustible organic components

Fire will produce dense black smoke.
Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Special protective equipment for fire- fighters:
Use a self-contained breathing apparatus and also a protective suit.

6. Accidental Release Measures

Personal precautions:
Exclude all sources of ignition and ventilate the area. Exclude non essential personnel. Avoid breathing vapours

Environmental precaution(s):
Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

Method(s) for cleaning up:
Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent - Avoid the use of solvents.

7. Handling and Storage

Handling Precaution(s):
As the product contains combustible organic components: Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Smoking, eating and drinking is prohibited in areas of storage and use. For personal protection, see Section 8. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

Refer to the guide weight indicated on the container when carrying out assessments.

Technical condition(s):

The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Safe handling advice:

Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Never use pressure to empty: the container is not a pressure vessel. Always keep in containers made of the same material as the supply container.

Storage Precaution(s)

Observe the label precautions. No smoking. Prevent unauthorised access.

Storage condition(s):

Store at temperatures between 0°C and 35°C
Containers which are opened should be properly resealed and kept upright to prevent leakage.

Packaging / tank material:

make of the same material as the supply container.

8. Exposure Controls/Personal Protection

Engineering measure(s):

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

Exposure limit(s):

Values according to:
compound nr: 1 - T.L.V.-T.W.A. = 100 ppm

Personal protection equipment:

Respiratory protection:

Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit breathing apparatus with filter A2.

Hand protection:

Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Skin and body protection:

Wear protective clothing

Eye protection:

Eye protection designed to protect against liquid splashes should be worn

Hygiene:

Do not eat drink or smoke whilst using

9. Physical and Chemical Properties

Appearance	Viscous Black Liquid
Odour	aliphatic like
Boiling Range	Not determined
Flash Point	49°C
Relative Density	Not determined
Explosion Limits	0.6% (V/V)
Solubility in H ₂ O	Immiscible
Solvent Solubility	partly soluble

10. Stability and Reactivity

Stability – Stable under the recommended storage and handling conditions

Hazardous Decomposition products – Smoke, carbon dioxide and carbon monoxide may be released during prolonged heating

11. Toxicological Information

General:

There is no data available on the product itself

Acute Toxicity:

Inhalation:

Headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness

Skin Contact:

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Eyes:

Splashes in the eyes may cause irritation and reversible local damage.

Ingestion:

There is no data available on the product itself

12. Ecological Information

General:

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Environmental toxicity:

There is no data available on the product itself.

13. Disposal Considerations

Waste / unused products:

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Contaminated packaging:

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act

14. Transport Information

UN Number 3082; Proper Shipping Name:
Environmentally Hazardous Substance Liquid NOS; UN
Class 9; Packing Group III

15. Regulatory Information

Label for Supply
N – Dangerous for the environment



Risk Phrases:

R10 Flammable
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 Harmful, may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases:

S2 Keep out of reach of children
S57 Use appropriate container to avoid environmental contamination
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
S62 If swallowed do not induce vomiting: seek medical advice immediately and show the container of label

16. Other Information

Item (2) Risk Phrases
R10 Flammable
R37 Irritating to the respiratory system
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The user is always responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
Cold Bitumen Adhesive for Bonding Bitumen Membranes

The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

References: Suppliers safety data sheet

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