

MATERIAL SAFETY DATA SHEET OF BITUMEN PRIMER

Product: BITUMEN PRIMER

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Version: 1

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: ATDM Co.,LTD

Supplier: ATDM Co.,LTD

Address: Unit 1106 of Sarve Saei tower, Valiasr St. Tehran Iran

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2. COMPOSITION/ INFORMATION ON INGREDIENTS:

CAS Number	Chemical Name %	Classification
64742-82-1	White Spirit 60-70	F; R10; Xn; R65; R66; N; R51/53
64742-93-4	Bitumen 30-40	

3. HAZARD IDENTIFICATION:

Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis. Flammable (R10). Harmful, may cause lung damage if swallowed (R65). Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment (R51/53). Repeated exposure may cause skin dryness or cracking (R66).

4. FIRST AID MEASURES:

Inhalation: Remove person 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. If possible show product information or label to medical advisor.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Dry Powder, CO2, Foam, Sand, Earth

Unsuitable Extinguishing Media: NEVER USE WATER JET

Special Exposure Hazards in Fires: None known

Required Special Protective

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, sawdust, earth, etc. Prevent

spills from entering sewers and drains. Dispose of at an appropriate licensed waste disposal site in accordance with current legislation 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 White Spirit 100ppm 575mg/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: Wear appropriate protective clothing. Eye Protection: Wear chemical resistant goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Black Liquid Flammability: Not applicable

Odour: Petroleum solvent Autoflammability: Approx 230oc

Ph: Not applicable Explosive Properties: UEL - 8% Vol LEL - 0.9% Vol

Boiling Point/ Oxidising Properties: Not applicable

Boiling point range Not determined Vapour Pressure: Not determined

Melting Point/ Relative Density: Approx 1.0

Melting point range Not applicable Solubility (water & fat): Insoluble in water

Flashpoint (oc): 40oc - closed cup

10. STABILITY AND REACTIVITY:

Stable under normal conditions. Avoid excessive heat.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrogen sulphide, oxides of nitrogen and sulphur.

11. TOXICOLOGICAL INFORMATION:

When bitumen is mixed with diluent, it is believed that the preparation becomes more bio-available. The carcinogenicity of the preparation is strongly dependant on the nature of the solvent used since the polycyclic aromatic content of the bitumen is low.

12. ECOLOGICAL INFORMATION:

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

13. DISPOSAL CONSIDERATIONS:

Material and container must be disposed of as "hazardous waste" in accordance with local and national regulations.

14. TRANSPORT INFORMATION:

U.N. No: 1999 Liquid Tars Class 3 Packaging Group III

15. REGULATORY INFORMATION:

R10 Flammable.

R51/53 Toxic to aquatic organisms, may cause long term effects in the aquatic environment.

R65 Harmful, may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

S2 Keep out of reach of children.

S29/56 Do not empty into drains, dispose of material and container as hazardous waste or
Take to a special waste collection point.

S37 Wear suitable protective gloves.

S46 If swallowed seek medical advice immediately and show this container label.

S51 Use only in well ventilated areas.

S61 Avoid release to the environment. Refer to special instructions/ safety data sheets.

EEC Symbol Xn Harmful N: Dangerous to the environment

Contains white spirit.

DANGEROUS FOR THE ENVIRONMENT

HARMFUL

15. OTHER INFORMATION:

USES: BITUMEN PAINT PRIMER

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 the 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 Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed 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 Bond It for further advice before the proposed application is undertaken.