



Material Safety Data Sheet

1- IDENTIFICATION OF THE MATERIAL AND company :

Product Name: **Tri – Bituproof W**

Water base bitumen waterproofing

Company:

Trichem company

For construction chemicals

Factory : 6 October city – Developers area-

Aloula industrial park - Plot no.14

www.trichem-eg.com

Telefax : 02-38588109

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For technical support please

call: 011 184 878 80

2- Composition:

Consists of, bitumen, thickener, surfactant and water,filler

3- Hazard Identification:

NON-FLAMMABLE. HARMFUL BY INHALATION AND IN CONTACT WITH SKIN.IRRITATING TO SKIN.

4- First aid:

GENERAL INFORMATION

General first aid, rest, warmth and fresh air.

NOTES TO THE PHYSICIAN

No specific first aid measures noted.

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

5- Fire fighting measures:

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE

Wear self contained breathing apparatus

6- ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Do not contaminate water sources or sewer. Pick up with vacuum or absorbent solid, store in closed container for disposal. Avoid generation and spreading of dust. Avoid contact with skin or inhalation of spillage, dust or vapour. Wear necessary protective equipment. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

7- Handling and storage:

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not handle broken packages without protective equipment. Use mechanical ventilation in case of handling which causes formation of dust.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8- Exposure control and personal protection:

PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level.

ENGINEERING MEASURES

All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT

Wear respirator if there is dust formation.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use thin cotton gloves inside the rubber gloves if allergy risk.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. DO NOT SMOKE IN WORK AREA!

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Brown to Black emulsion

Boiling point : 100°C

Melting point : 0°C

Flash point (°C): non flammable

Auto-flammability: non flammable

Explosive properties: none

Relative density : approx. $1.10 \pm 0.1 \text{ g/cm}^3$

Solubility (water): completely miscible

Thermal decomposition: N/A

Hazardous decomposition N/A

- Combustion products

Hazardous reactions

Further information

10- Stability and Reactivity:

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Unknown.

MATERIALS TO AVOID

No incompatible groups noted.

ELASTICOAT RUBBER BITUMEN EMULSION

HAZARDOUS DECOMPOSITION PRODUCTS

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

11- Toxicological information:

- General

There are no toxicological data available on the product itself.

HEALTH WARNINGS

Serious long-term effects are not known to be related to this type of product. Particles in the eyes may cause irritation and smarting. May cause discomfort if swallowed.

12- ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided

13- Disposal:

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made

GENERAL INFORMATION

This material is not classified as special waste as defined by Special Waste Regulations 1996.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

14- TRANSPORT INFORMATION

RID/ADR

UN No.

IMDG Code

GGVE/GGVS

ICAO/IATA

ADNR

Other information This product is not classed as dangerous goods in any transport regulations.

15- REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

S2 Keep out of the reach of children.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

EU DIRECTIVES

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC)

No 1907/2006 with amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Classification and Labeling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16- OTHER INFORMATION

The Product Should Be Used as directed – Consult Specification Sheet For Further details. This Information Is Given In Good Faith And Is Believed To Be Accurate And Complete. It Should Be Made Available To All Personnel Using/ Handling Product.