



SAFETY DATA SHEET

Waterproofing roofing membrane: Protan G1.5

Issue: 10/01/2012 Version 1.1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Identification of article: Waterproofing roofing membrane - Protan G1.5

Use of the article : Waterproofing membrane to be used as roofing for ballasted roofs. Joints are welded with hot air equipment.

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2. HAZARDS IDENTIFICATION

Most important hazards: None

Specific hazards: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description of article: Plasticised PVC coating reinforced with a glassfibre textile.

Component(s) contributing to hazards: 4,5-dichloro-2-octyl-2H-isothiazol-3-on
Cas-no:64359-81-5 EC-no:246-843-8
Concentration (weight%): ≤ 1
Classification: T, C, N R22, 23, 34, 43, 51/53

4. FIRST AID MEASURES

Inhalation: Not applicable except during welding.
Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Skin contact: Not applicable except during welding.
There is risk of burns if touching molten hot material.

Eye contact: Not applicable except during welding.
In case of contact between molten hot material and eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: Not applicable.

5. FIRE-FIGHTING MEASURES

Extinguishing equipment: Adequate and suitable extinguishing equipment must be available at the building site, i.e. 6 kg ABE powder extinguisher or 1" fire hose connected to a water supply.

Specific fire hazard(s): In case of fire, corrosive and harmful gases can come free.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s): Not applicable.

Environmental precaution(s): Not applicable.

Method(s) for cleaning up: Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. HANDLING AND STORAGE

Handling

- Precaution(s): None

Storage

- Precaution(s): None
- Storage condition(s): Preferably in dry conditions and not directly exposed to sun radiation.
- Packaging: Wooden pallet with plastic wrapping.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s): Provide adequate ventilation during welding.

Control parameter(s):

- Exposure limit(s): Not applicable for this article.

Personal protection equipment:

- Respiratory protection: When welding indoors the concentration of smoke can be irritating for respiratory organs..
Use extra ventilation or protection mask ABE1P3
- Hand protection: Gloves when appropriate.
- Skin and body protection: The personnel should wear protective clothing.
- Eye protection: Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Appearance: Solid at ambient temperature.
Pasty to liquid when close and above melting temperature.
- Colour: Different colours available.
- Odour: None.

Important health, safety and environmental information

- PH: Not applicable.
- Boiling point/range: Not applicable.
- Flash point: Not applicable.
- Explosion limits: Not applicable.
- Viscosity: Not applicable.
- Solvent solubility: Soluble in some specific organic solvents.

10. STABILITY AND REACTIVITY

Stability: Stable under the recommended storage and handling conditions. (See Section 7).

Hazardous decomposition products: At very high temperatures pyrolysis/combustion products such as water vapour, carbon monoxide, carbon dioxide and hydrochloric acid may form.

11. TOXICOLOGICAL INFORMATION

General information(s): No data available.

Acute toxicity: None under normal use.

12. ECOLOGICAL INFORMATION

Environmental toxicity: Ecological problems are not known, or expected, under normal use.

13. DISPOSAL CONSIDERATIONS

Waste / unused products: Contact waste disposal services or deliver for recycling

Contaminated packaging: Contact waste disposal services.

14. TRANSPORT INFORMATION

General information(s): Not regulated

UN number: Not applicable.

15. REGULATORY INFORMATION

This product does not contain any substances from ECHA's candidate list of Substances of Very High Concern for authorisation.

Labelling: Not regarded as a health or environmental hazard according to regulation (EC) no.1907/2006 (REACH).
Contains: 4,5-dichloro-2-octyl-2H-isothiazol-3-on
Symbol(s): None, according to EC directives.

16. OTHER INFORMATION

Ref. section 3. The mentioned component 4,5-dichloro-2-octyl-2H-isothiazol-3-on are reacted into or bonded in the material.

Text of R phrases listed in section 3: R22: Harmful if swallowed
R23: Toxic by inhalation
R24: Toxic in contact with skin
R43: May cause sensitisation by skin contact
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Remarks: 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 considered as any guarantee of technical performance or suitability for particular applications.

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