

MATERIAL SAFETY DATA SHEET ACCORDING TO EC-DIRECTIVE 91/155/EEC

(EUROPEAN UNION)

1. IDENTIFICATION OF THE PRODUCT & COMPANY

PRODUCT NAME: Joint-Seal
COMPANY: Cosmo-Dec Everlasting Coatings
SALES: Cosmo-Dec
+27 10 010 7182
sales@cosmodec.co.za

EMERGENCY INFO

HAZCHEM CODE : 2Z – NON HAZARDOUS

2. COMPOSITION / INFORMATION ON INGREDIENTS

Characterisation

A styrene co-polymer fortified paste.

3. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to EC Directive 88/379/EEC and subsequent adaptations (CHIP 2 regulations in the UK).

4. FIRST AID MEASURES

Inhalation of vapour

May cause dizziness or headache. Remove to fresh air

Skin contact

Skin irritation may be caused by direct and prolonged contact.

Wash with water and soap carefully.

Remove soiled clothing.

Eye contact

May cause temporary irritation. Wash out with plenty of water.

If irritation persists, seek medical attention.

Information in this MSDS is given without condition, warranty, representation or inducement of any kind save that it is accurate to the best of our knowledge and belief, or obtained from sources which to the best of our knowledge and belief are accurate. The user must make all necessary health and safety checks relating to the use of the products. Freedom from patent or similar rights must not be assumed.

Swallowing

Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

The product is an aqueous dispersion and is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal protection

Refer to section 8.

Environmental protection measures.

Prevent the product from entering soil, natural waters and drains.

Procedures for cleaning/absorption.

Large spillages should be contained and pumped into a receiving vessel.

Small spillages should be absorbed on inert absorbent (sand, sawdust diatomite).

For disposal methods refer to section 13.

7. HANDLING & STORAGE

Handling

No special precautions needed with normal housekeeping.

Storage

Protect from frost and direct sunlight.

Store between +5 and +35°C.

Do not use storage vessels or pipework made of aluminium, copper, or its alloys.

Bulk tanks should be regularly cleaned and sterilised at least annually to prevent accumulation of micro-organisms.

Observe safe tank entry procedures.

Detailed advice on storage systems can be provided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Advice for technical equipment

Provide good general ventilation in the workplace.

Where the product is dried or sprayed, local extraction is recommended.

Exposure controls

The product contains low levels of volatile organic compounds which may evaporate during application and drying.

Also, a small quantity of ammonia must be considered.

Personal protective equipment.

Respiratory protection.

In poor ventilation, e.g. inside storage tanks or when spraying without proper extraction, wear a suitable respirator.

Hand protection

For frequent contact, wear impermeable gloves.

Eye protection

Goggles, face visor or safety glasses advised.

Skin protection

If there is a risk of severe splashing, wear waterproof overalls.

9. PHYSICAL & CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance | milky white liquid |
| Odour | characteristic |
| pH | 11 |
| Boiling point | approx 100°C (water) |
| Melting point | approx 0°C (water) |
| Flash point | not applicable |
| Flammability | " |
| Auto-flammability | " |
| Explosion hazard | " |
| Oxidising properties | " |
| Vapour pressure | approx 23 hPa (water) at 20°C |
| Relative density | approx 1,0 |
| Solubility in water | insoluble but miscible in all proportions |
| Partition co-efficient n-Octanol/water | not applicable |
| Viscosity – Brookfield 2/60 – 20°C | 100 cps |

10. STABILITY AND RE-ACTIVITY

The product is stable under recommended storage conditions. (Section 7)

11. TOXICOLOGICAL INFORMATION

Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.

12. ECOLOGICAL INFORMATION

The product is not classified as dangerous to the environment according to EC directive 93/21/EEC.

Behaviour in ecological compartment - Not applicable.

Additional advice

Long term experience with the dispersion when used as agreed, indicates no ecological damage.

13. DISPOSAL CONSIDERATIONS

The product and wastewater containing product should not be discharged directly into drains and waterways without treatment. The polymer content may be separated in a suitable coagulation and purification plant. Details available on request.

Disposal of the product, solid waste and packaging should always comply with local, national or EU regulations and be undertaken by an authorised contractor.

German waste code number

Plastic dispersion: 57303

14. TRANSPORT INFORMATION

The product is not classified as hazardous according to International Transport Regulations.

15. REGULATORY INFORMATION

The product is not classified as Dangerous according to EC Directive 88/379/EEC (including subsequent amendments) and requires no special labelling.

In Germany the product is classified in Wassergefährdungsklasse (WGK) 1 (self-rating).

All substances used in manufacture are listed in EINECS or ELINCS.

16. OTHER INFORMATION

This Material Safety Data Sheet conforms to EC-Directive 91/155 EEC and 93/112 EC.

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments.

It is not a sales specification.

Other relevant laws and regulations should be observed by the product user.

For further information contact addresses according to Section 1.

17. FURTHER INFORMATION

Packaging: 2 litre plastic container with 10kg plastic bag containing liquid and complex powders. Packed in a cardboard box inscribed with Cosmo-Dec identifying logos.

Mixture: Add powder to liquid in a suitable tub to the consistency of the method of application.

Apply by inserting and spreading with spatula or other hand tool method. May also be placed into suitable dispenser. Once mixed use within 30 minutes.

Storage: Cannot be stored once mixed.

Uses: Joints in slabs or bottom dwelling concrete structures, cracks, depressions, holes, abutments etc.