



MATERIAL SAFETY DATA SHEET

COMPANY DETAILS

Safeguard Chemicals SA CC
Unit 5 APD Industrial Park
Cnr Bernie/Elsecar
Kya Sand

Tel: 011 708 3603/4/5

Fax: 011 708 3620

e-mail: sguard@telkomsa.net

Emergency: 082 552 6985

1. Product & Company Identification

Trade Name: Bondaid Plus

Code: CE-SWSBP

Date Revised: 07-10-2007

Synonym: Styrene butadiene co-polymer latex

Hazchem: 2Z – Non Hazardous

2. Composition

Co-polymer latex.

3. Hazardous 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

Skin: Skin irritation may be caused by direct or prolonged contact.

Wash with soap & water carefully. Remove soiled clothing.

Eyes: May cause temporary irritation. Rinse immediately & thoroughly with clean water. If irritation persists seek medical assistance

Ingestion: Seek immediate medical assistance.

Inhalation: May cause dizziness or headaches. Move patient to fresh air.

5. Fire Fighting Measures

The product is an aqueous dispersion and is not combustible.

6. Accidental Release Measures

Personnel protection:

Refer to section 8

Environmental protection measures:

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

Procedures for cleansing/Absorption:

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

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

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 prayed, 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 has to 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
- Smell:** Characteristic
- Solids** 46-48%
- PH:** 9-11
- Boiling Point:** approx 100°C
- Melting Point:** approx 0°C
- Flash Point:** Not applicable
- Flammability:** Not applicable
- Vapour pressure:** approx 23pHa (water) at 20°C
- Relative Density:** approx 1.0
- Solubility in water:** Insoluble but miscible in all proportions.

- Viscosity: 100 cps
8. **Stability & Reactivity**
Stable under recommended storage conditions.
 9. **Toxicological Information**
Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.
 10. **Ecological Information**
The product is not classified as dangerous to the environment according to EEC directive 93/21/EEC.
 11. **Disposal Information**
The product and waste water 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.
 12. **Transport Information**
The product is not classified as hazardous according to International Transport Regulations.
 13. **Regulatory Information**
The product is not classified as dangerous according to EEC Directive 88/379/EEC (including subsequent amendments) and requires no special labelling.
 14. **Other Information**
This Material 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.

All information is given in good faith but no representation, guarantee or warranty expressed or implied is made as to the accuracy, reliability or completeness of the information.
This information relates solely to the specific material identified.