
SAFETY DATA SHEET

A. Identification of the Substance / Preparation and of the Company Undertaking

Product Name: SpECbond PVA
Company: Speciality Engineering Chemicals
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B. Composition / Information on Ingredients

Externally plasticized water dispersion of a homopolymer of vinyl acetate.

C. Hazards Identification

On available date Bonding Compound as no hazard classification according to 88/379/EEC. The surfactant and to a lesser extent the free monomer present in polymer dispersions can cause dermatitis through repeated contact in sensitive individuals. Eye contact may cause irritation.

D. First Aid Measures

Eyes: Wash with water for several minutes. Seek medical advice if irritation persists.
Skin: Wash with water before dispersion dries. Remove contaminated clothing.
Ingestion: Give plenty of water to drink and obtain medical advice.

E. Fire Fighting Measures

Aqueous dispersions will not burn. Dried films are combustible. Water, foam, carbon dioxide or dry powder extinguishers are all suitable.

F. Accidental Release Measures

Spillages should not be washed into any drain unless it leads to a suitable effluent treatment process. Residues and spillages should be soaked up with an inert absorbent (e.g. sand) for disposal.

G. Handling and Storage

Handling: Bonding Compound should be handled in accordance with good industrial safety and hygiene practices. Small levels of volatile organic compounds may accumulate in the headspace of containers which should be opened in ventilated surroundings.
Storage: Sealed containers should be stored between 5°C and 25°C Bulk tank should be externally vented.

H. Exposure Controls / Personal Protection

Exposure Controls: Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried.

PERSONAL PROTECTION

Respiratory: Masks, when spraying
Hand: Gloves, if risk of skin contact
Eye: Goggles, if risk of splashing
Skin: Standard industrial overalls are splashing.

I. Physical and Chemical Properties

Appearance: Milky white liquid
Odour: Slight-caster
pH: 4.5 to 5.5 (IBO 1148)
Boiling Point: Approx. 100°C (as water)
Flammability and auto-ignition: N/A
Vapour Pressure: As water
Water Solubility: Fully miscible
Relative Density: Approx 1.05 at 20°C (IBO 8962)

J. Stability and Reactivity

Bonding Compound is stable under normal conditions of use.

K. Toxicological Information

Long term experience of handling this class of product under industrial conditions indicates the absence of any chronic or acute effects.

L. Ecological Information

Bonding Compound is totally miscible with water and will progressively diluted if admitted to waterways. The base polymer is only slowly biodegraded (remove >80% by method OECD 302B). In low concentrations (<500mg/litre), the product exhibits low toxicity to fish (OECD 203). Low concentrations of Bonding Compound are unlikely to reduce sludge activity in sewage treatment. The polymer will be largely on the sludge and is consequently removed from waste water.

M. Disposal Considerations

Bonding Compound is not classified as hazardous waste. The polymer can be coagulated and separated from the aqueous phase for landfill or incineration. The residual liquid should not be discharged to sewage treatment without prior consent. Details of methods for clarifying water containing emulsion can be provided on request. Existing EEC, national and local regulations must always be complied with.

N. Transport Information

Bonding Compound is not classified as hazardous for transportation.

O. Regulatory Information

EEC Hazard Classification: None

The product contains only substances which are on European Inventory of Existing Chemical Substances. (FINECS)

P. Other Information

The information provided in this Safety Data Sheet is based on the present state of our knowledge. The data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications.