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## HEALTH & SAFETY DATA SHEET

### Product Name

**WBS Bonding Agent / Stabilising Solution**

### Composition

A controlled aqueous dispersion of the following materials;

- Acrylic resin emulsion containing biocides
- Coalescing solvents
- Surfactants
- resistant glass fibres
- Non toxic chemical additives

### Hazardous Materials Classification

- There are no fire or explosion hazards based on information available.
- The product is of low toxicity but does contain biocides.
- It is recommended that personnel working with these products should wear the required protective clothing such as masks, goggles, etc. in accordance with Health and Safety regulations.
- Ensure high standards of personal hygiene.
- Do not smoke, drink or consume food in working areas.
- All work clothing should be changed regularly and laundered.

### First Aid

- **Skin contamination** - may cause some irritation if contact prolonged – Irrigate with copious amounts of clean water. If irritation persists, seek medical advice.
- **Eye contamination** will cause irritation – Irrigate with copious amounts of clean running water. If irritation persists, seek medical advice.
- **Ingestion** - will cause irritation to the mouth, nausea, stomach pains and vomiting – Rinse mouth thoroughly then drink plenty of water. Seek immediate medical advice.
- **Inhalation** may cause irritation – Move to fresh air. If irritation continues seek medical advice.

### Fire Fighting Measures

This product does not present a fire or explosion hazard. Use foam CO<sup>2</sup> water spray or dry powder fire extinguishers.

### Accidental Release Measures

#### **Clean up procedures**

- Small spills should be rinsed away with water before drying. Larger spills should be soaked using absorbent material, collected in a suitable container and kept for safe disposal. Care should be taken to avoid contamination of watercourses.

### Handling & Storage

- When handling this product due regard should be given to the risks outlined in 'Manual Handling Operations Regulations 1992'.
- Appropriate Personal Protective Equipment (PPE) should be worn whilst handling this product.
- The product should be stored in a cool dry area, away from direct sunlight.

### Exposure Controls/Personal Protection

- **Engineering Control Measures**  
All areas should be well ventilated/extracted.
- **Occupational Exposure Standards (OES)**  
There is no established OES for this product.
- **Respiratory Protection**  
Suitable respiratory protection should be worn at all times, particularly if working areas are poorly ventilated.
- **Hand Protection**  
PVC gloves should be worn when handling Stabilising Solution/Bonding Agent.
- **Skin Protection**  
Suitable overalls should be worn and all garments are regularly laundered.
- **Eye Protection**  
Use splash proof goggles when handling and using Stabilising Solution/Bonding Agent.

### Physical & Chemical Appearance

- Appearance – Milky semi-clear solution.
- Odour – Slight detection of acrylic content.
- Freezing Point – N/A.
- Boiling Point – N/A.
- Flash Point – N/A (not flammable or explosive).
- Viscosity – 15 – 20 cent. @ 20°C.
- Specific Gravity (SG) – 1.03 + 0.03 @ 20°C.
- PH - 7.50 + 0.50 @ 20°C.
- Solubility – Soluble (solid content only circa. 20%).

### Stability & Reactivity

- The product is stable under most normal storage conditions. Extremes of temperature should generally however be avoided.
- This product must never be mixed with other chemicals.
- There are no known conditions likely to contribute to the product's reactivity.
- Coagulation may occur if the product comes into contact with oxidising agents, acids or solvents.

### Toxicological Information

From our experience and the information available to us, we are not aware that the product carries any harmful risk to health provided that all safety procedures as outlined in the 'Exposure Controls/Personal Protection' section are followed.

However, the toxicity of the product may affect effluent treatment plants should large quantities enter watercourses.

### Ecological Information

Do not discharge this product into the natural environment. The product may be toxic to aquatic life forms if spilled into ponds, rivers, watercourses, etc. The product is non-biodegradable.

### Disposal Considerations

Disposal of the product should be in accordance with any national or regional regulations that may be in effect. Dispose of empty drums at authorised sites only.

### Transport Considerations

There is no special classification for conveyance required for this product.

### Regulatory Information

Chemicals ('Hazard Information and Packaging for Supply') Regulations 1994.

### Other Information

Other sources of information and current legislation relating to the product can be found in;

- Health & Safety at Work Act 1974.
- Control of Substances Hazardous to Health (COSHH) Regulations (4<sup>th</sup> Edition) 2002.
- HSE guidance note EH40 (Occupational Exposure Limits). EH40 is published annually and the most recent issue should be used.
- Manual Handling Operations Regulations 1992.
- St. John or Red Cross manuals on first aid measures.

***Recipients of WBS products must take responsibility for existing laws and regulations and at all times operate within Health and Safety guidance on the use of these products.***

***The information provided within this data sheet is deemed to be accurate to the best of our knowledge and given in good faith.***