

# MATERIAL DATA SHEET

## Section I. Chemical Product and Company Identification

Product name: WATER-BORNE EMULSION  
Synonyms: ROSIN/RESIN DISPERSION  
Formula: mixture  
Molecular weight: unspecified  
Material Usage: adhesive, white emulsion, coating, , etc.  
Last updated: May 2010

## Section II. Composition and Information

Ingredient	CAS NO.	% in weight
Dispersed Rosin/Resin	8050-31-5	48% about
Water	7732-18-5	46% about
Surface Active Agent	n/a	6% about
Total		100%

## Section III. Hazards Identification

Classification: HMIS standard  
Health damage: 1  
Fire damage: 0  
Reaction damage: 0  
Personal Protection: see Section VIII.  
Remarks: 0=very slightly, 1=slightly, 2=medium, 3=seriously, 4=very seriously  
United Nations Classification & UN No.: unspecified  
Health hazards (acute & chronic): not likely to cause any significant acute or chronic effect.

## Section IV. First Aid Measures

Inhalation: if swallowed, drink water in big quantity. and make it vomit. See a doctor immediately.  
Eyes: flush immediately with plenty of low pressure water for at least 15 minutes removing all trace of material by keeping eyelids apart. Consult a ophthalmologist doctor should an irritation develop.  
Skin: Wash with a mild soap and running water.

## Section V. Fire and Explosion Data

Fire/explosion hazard: none.  
Extinguishing media: water, dry chemical, carbon dioxide, foam.  
Fire fighting procedures: fire fighters should wear self-contained breathing apparatus and protective equipment. Use water spray to cool fire-exposed surfaces.

## Section VI. Accidental Release Measures

Small release: absorb by wiping towel/cloth and collect into an empty container.  
Large release: use earth or sand to stop the flow, conduct it to safe place & collect into an empty container. Avoid the material flow into river, drains or sewage.

## Section VII. Handling and Storage

Handling: Avoid to touch skin or eyes, and use suitable apparatus units for work. The working place should be volatile enough.  
Storage: keep away from heat, spark, and flames. Store in cool, dry and well-ventilated place. Avoid leakage, laying down, falling and freezing.

## Section VIII. Exposure Controls/Personal Protection

Engineering controls: none.

Equipment Strategy: no special requirement. or installation for seal equipment, machine or volatile apparatus.

Protective Equipment:  
Inspiration -dust mask.  
Eyes - goggles.  
Hand - rubber gloves.  
Body - anti-static work cloth.

## Section IX. Physical and Chemical Properties

Appearance: white emulsion, no volatility, water soluble.  
Softening point (based resin) : 10-115 deg C  
Boiling point (based resin) : 250 deg C/0.667 Kpa  
Flash point (based resin) : 190 deg C min.  
Specific gravity: 1.06 (25 deg C)  
pH value : 6-9  
Rosin/Resin content : 50% about

## Section X. Stability and Reactivity Data

Stability : stable. avoid open flames, high temperature, electric arc.  
Hazardous decomposition products: carbon dioxide and carbon monoxide.

## Section XI. Toxicological Information

Oral: mouse LD50= >5000 to >10000 mg/kg.  
Dermal: rabbit LD50= >5000 mg/kg.  
Skin/Eyes irritation: no report.  
Acute/Chronic poison: no report.  
Carcinogenicity/Teratogenicity: no report.

## Section XII. Ecological Information

Acute Fish Toxicity: by comparison with similar resins, this product may be considered as no toxicity to fish.  
Biodegradability: available.  
Accumulation: none.  
Other: COD-420 . 000mg / kg BOD-630 . 000 mg / kg

## Section XIII. Disposal Considerations

Disposed by controlled incineration or by dumping in an approved load field area according to local regulations.

## Section XIV. Transport Information

Non-hazardous for air, sea and road freight.

## Section XV. Other Regulatory Information

USA: Federal Regulation.  
OSHA: Hazard Communication Standard (29 CFR 1910.1200): none of hazard.  
SARA TITLE III:  
SARA Section 302 (40 CFR 355 Appendix A): not listed.  
SARA Section 311/312: none.  
SARA Section 313 (40 CFR 372.65): not listed.  
CERCLA (40 CFR 302.4): not listed.  
TSCA Inventory: all ingredients are listed.  
International Inventories: conforms to regulations of Canada DSL, Japan, Australia, Philippines and China.

## Section XVI. Other Information

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the data of its publication. The information given is designed only as a guidance for safe handling, use processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.