

# MATERIAL SAFETY DATA SHEET

Date of Issue: 21 June 2008

Product Name: E-B Emulsabond

## STATEMENT OF HAZARDOUS NATURE:

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### Section 1 - Identification of the Material and Supplier

**COMPANY DETAILS:** The Flood Company Australia P/L  
 ACN 92 003 024 600  
 4 Nelson Avenue Padstow NSW 2211  
 Ph: 02 9790 5158, 1800 226-113  
 Fax: 02 9709-2604  
 A/H 02 9826-6929

#### PRODUCT:

**Product Name:** E-B Emulsabond**Other Names:** Not Applicable**Manufacturer's Product Code:** 9 314177 1900XX (XX is package size)**Use:** Stir in bonding agent for water based paint on chalky surfaces

### Section 2 - Hazards Identification

**UN Number:** Not Applicable**Dangerous Goods Class and Subsidiary Risk:** DOT class not regulated. Not a dangerous good according to the Australian Dangerous Goods Code**Hazchem Code:** Not Applicable**Poisons Schedule Number:** Not applicable

### Section 3 - Composition/Information on Ingredients

INGREDIENT(S) Chemical Name Common Name	PERCENT	OCCUPATIONAL EXPOSURE LIMIT		VAPOR PRESSURE	LD50 ORAL - RAT	LC50 IHL - RAT
		TLV	PEL			
Petroleum Distillates Solvent CAS # 64742-48-9	>55	100ppm	500ppm	1.0mm Hg @ 210C	N/A	N/A
Solvent Mineral Spirits CAS #64742-88-7	<20	100ppm	100ppm	Not Available	N/A	N/A

### Section 4 First Aid Measures

**Swallowed:** DO NOT INDUCE VOMITING due to danger of aspirating oil into the lungs. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. DO NOT give anything by mouth if the person is unconscious or having convulsions.  
 Get medical attention.

**Eye:** Flush immediately with plenty of cool running water. Remove contact lenses continue flushing for 15 minutes. Get medical attention.

**Skin:** Flush skin with cool running water. Wash thoroughly with soap and water. Wash contaminated

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clothing before reuse. Do not continue to wear oil-soaked clothing. Discard oil-soaked leather goods.

**Inhaled:** Remove to fresh air if needed

IF IRRITATION PERSISTS CALL A DOCTOR

**Advice to Doctor:** Treat symptomatically Aspiration of liquid petroleum products into lungs may cause severe pneumonitis (oil pneumonia). Vomiting should not be induced.

## Section 5 Fire Fighting Measures

**EXTINGUISHING MEDIA:** ( X ) FOAM ( X ) CO2 ( X ) DRY CHEMICAL (X) WATER FOG ( ) OTHER  
 UPPER FLAMMABLE LIMIT: NOT AVAILABLE  
 LOWER FLAMMABLE LIMIT: NOT AVAILABLE

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustible. Exposure of closed containers to heat can cause disruptive pressure. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Do not flush into public sewer system.

**SPECIAL FIREFIGHTING PROCEDURES:** Avoid breathing fumes. Wear adequate respiratory protection. Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat. Respiratory protection should be self-contained, breathing apparatus type with a full face piece operated in a pressure demand or other positive pressure mode.

## Section 6 Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of vapor ignitions. Ventilate area. Stop spill at source.

**SMALL SPILL:** Remove liquid waste with oil-absorbing compounds and non-sparking tools.

**LARGE SPILL:** Exclude persons not wearing protective equipment, dike area of spill and pump liquid into salvage tank.

## Section 7 Handling and Storage

**COMBUSTIBLE.** Prevent contact with flames or hot surfaces. Do not store near heat. Keep containers closed when not in use. Avoid prolonged contact with skin. Avoid breathing concentrated vapors.

**OTHER PRECAUTIONS:** Store only in well-ventilated areas. Store out of sun and away from heat.

**DANGER:** Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

## Section 8 Exposure Controls/Personal Protection

**RESPIRATORY PROTECTION:** If TLV of the product or any component is exceeded, a NIOSH/OSHA jointly approved, air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/OSHA respirators under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

**VENTILATION:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

**PROTECTIVE GLOVES:** Oil resistant if prolonged liquid contact is likely.

**EYE PROTECTION:** Goggles with side shields when spraying or where splashing is likely.

**OTHER PROTECTIVE EQUIPMENT:** Oil repellent, protective clothing if prolonged liquid contact is likely.

**HYGIENIC PRACTICES:** Wash hands with soap and water thoroughly after use. Launder contaminated clothing before reuse.

## Section 9 Physical and Chemical Properties

<b>BOILING RANGE</b>	150-220 DEGREES C.
<b>VAPOR DENSITY</b>	HEAVIER THAN AIR
<b>EVAPORATION RATE</b>	SLOWER THAN ETHER
<b>VOLATILE VOLUME</b>	61%
<b>WEIGHT/LITRE</b>	.94 KG/L

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<b>PHYSICAL STATE</b>	LIQUID
<b>APPEARANCE &amp; ODOR</b>	CREAMY WHITE, MILD SOLVENT ODOR
<b>ODOR THRESHOLD</b>	NOT AVAILABLE
<b>FREEZING POINT</b>	-1° C
<b>pH</b>	N/A
<b>FLASH POINT:</b>	63° C. (PMCC ASTM D 93)
<b>LEL:</b>	NOT ESTABLISHED

## Section 10 Stability and Reactivity

**STABILITY:** ( ) UNSTABLE ( X ) STABLE

**HAZARDOUS POLYMERIZATION:** ( ) MAY OCCUR ( X ) WILL NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion in restricted environments can produce carbon monoxide, carbon dioxide and various hydrocarbons.

**CONDITIONS TO AVOID:** Storage of combustible materials wetted with liquid can produce heat and spontaneous combustion.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Stable under normal conditions of use. Avoid contact with strong oxidizers.

## Section 11 Toxicological Information

### EFFECTS OF OVEREXPOSURE:

**SKIN:** May cause skin irritation. Prolonged or repeated contact can result in de-fatting and drying of skin which may result in dermatitis.

**EYE:** May cause eye irritation. Symptoms include stinging, tearing, redness.

**INHALATION:** May be irritating to the nose and respiratory tract. Prolonged exposure may produce central nervous system effects including dizziness, headache, drowsiness, giddiness, uncoordination, nausea.

**SWALLOWING:** Can cause gastrointestinal irritation, vomiting. Aspiration (breathing) of vomitus into the lungs must be avoided; can enter lungs and cause severe damage.

None of the ingredients of this mixture are listed as a carcinogen or potential carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

**PRIMARY ROUTE (S) OF ENTRY:** (X) DERMAL (X) INHALATION ( ) INGESTION (X) EYE

## Section 12 Ecological Information

### Petroleum Distillates Solvent CAS # 64742-48-9

#### Ecotoxicity

#### Aquatic Toxicity

Fish Toxicity (rainbow trout, goldfish, bluegill): LC50(96hr): Based on data for a similar component or preparation, this product is expected to be toxic to aquatic organisms.

Daphnia Magna EC50 (24 hr): Not available

Daphnia Magna EC50 (48 hr): Long term adverse effects to aquatic organisms are possible if continuous exposure is maintained.

#### Persistence/ degradability

This product can degrade rapidly in air. This substance is expected to be removed in wastewater treatment. Based upon data for a similar components or estimated data, this product is expected to biodegrade rapidly and be 'readily' biodegradable according to OECD guidelines.

#### Mobility

This product is highly volatile and will rapidly evaporate to the air if released into the water

### Solvent Mineral Spirits CAS #64742-88-7

#### Environmental Fate:

No information found. Environmental Toxicity: No information found.

## Section 13 Disposal Considerations

**WASTE DISPOSAL METHOD:** Do not incinerate closed containers. Do not dispose of waste material in sewers or waterways. Promptly incinerate wetted, combustible, oil-absorbing materials.

Dispose in accordance with all local, State and Federal regulations.

## Section 14 Transport Information

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This product is not a dangerous good for transport

**UN Number:** Not applicable

**UN Proper Shipping Name.** Not applicable

**Class and subsidiary risk(s):** Not applicable

**Hazchem Code:** Not applicable

64742-88-7

Not regulated by ground transportation in non-bulk packaging (450 L or 119 gallons or less) per 49 CFR 173.150 (f)(2).

## Section 15 Regulatory Information

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS#	Chemical Name	% by Weight
Not Applicable		

## Section 16 Other Information

Keep out of reach of children.

The above information is believed to be correct with respect to the formula used in manufacture of the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION