

# Material Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Mega-Bond Seal

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DISTRIBUTED IN AUSTRALIA BY:

**Thermoshield Australia Pty. Ltd.**  
ABN 37 079 666 774

11/42 Mills Road  
Dandenong, VIC. 3175

**Phone:** 61 3 9728 8800  
or 1300 551 099 toll free

**Fax:** 61 3 9728 8811  
**Web:** www.thermoshield.com.au

Not classified as Hazardous according to criteria of Safe Work Australia and not Dangerous Goods according to the ADG Code<sup>1</sup>

<b>UN NO.....:</b> None allocated	<b>D.G. Class.:</b> None allocated	<b>Pack. Group...:</b> None allocated
<b>HAZCHEM:</b> None allocated	<b>SUB. RISK:</b> None allocated	<b>SUSMP.....:</b> None allocated

**PROPER SHIPPING NAME:** None allocated**PRODUCT USE:** Surface coating

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Acrylic polymer emulsion	Not Required*	30-60
Titanium dioxide	13463-67-7	3-10
Inorganic extender and fillers	Not Required*	10-30
Additives	Not Required*	<10
Solvent - Non Hazardous (Flash Point >61 deg C)	Not Required*	<3
Water	7732-18-5	10-30

\* Ingredients either not classified as hazardous or below relevant concentration cut-offs.  
See Section 8, Exposure Controls / Personal Protection

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous.

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## 4. FIRST AID MEASURES

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- Eyes:** Immediately flush with water for 15 minutes. Consult a physician if irritation develops or persists.
- Skin:** Take off all contaminated clothing. Wash contaminated area with soap and water. Consult a physician if irritation develops or persists.
- Inhalation:** Inhalation is not expected to be a primary route of exposure. However, if mist/spray is inhaled, remove patient to fresh air. Get medical attention. Administer artificial respiration if breathing is irregular or has stopped.
- Ingestion:** If swallowed, get medical attention. Never give anything by mouth to an unconscious person.

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## 5. FIRE FIGHTING MEASURES

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Flash Point ..... Not applicable  
Auto-ignition Temperature ..... Not applicable

**Fire and Explosion Hazards:**

The product is not flammable.

**Suitable Extinguishing Media:**

Use as appropriate for surrounding fire.

**Special Fire Fighting Procedures:**

Respiratory and eye protection required for fire fighting personnel exposed to fumes or smoke.

**Hazardous Combustion Products:**

Thermal decomposition may give off toxic fumes.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** See Section 8.

Caution: Floor may be slippery. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye protection.

Take up mechanically with inert absorbent material and place in suitable containers for disposal. Dispose of in accordance with federal, state and local regulations. Do not allow large quantities into drains or waterways.

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## 7. HANDLING AND STORAGE

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Store the product in cool, dry place. Do not allow to freeze.

Keep containers closed when not in use.

Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limit Information

Component	Safe Work Australia			
	TWA		STEL	
	(ppm)	(mg/m <sup>3</sup> )	(ppm)	(mg/m <sup>3</sup> )
Acrylic polymer	-	a	-	-
Titanium dioxide	-	10b	-	-
Inorganic extender	-	10b	-	-
Solvent - Non Hazardous	-	a	-	-
Water	-	a	-	-

a = not listed

b = as nuisance dust

TWA = Time Weighted Average

STEL= Short term Exposure Limit

<sup>1</sup> National Occupational Health and Safety Commission (Australia)

### **Respiratory Protection:**

In case of vapour or mists, a respiratory protection program meeting Australian & New Zealand Standards AS/NZS-1716 and AS/NZS-1715 requirements must be followed whenever workplace conditions warrant a respirator's use. Use appropriate filters.

None required if airborne concentrations are maintained below the exposure limit listed in "Exposure Limit Information"

### **Eye Protection:**

Use chemical splash goggles (Australian & New Zealand Standard AS/NZS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed.

### **Hand Protection:**

Impervious gloves; protective clothing as necessary to prevent skin contact.

### **Engineering Controls (Ventilation):**

Use local exhaust ventilation sufficient to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour.....	White (untinted)
State .....	Viscous liquid
Odour Characteristic .....	Mild ammonia
pH .....	9-9.5
Specific Gravity (Water = 1) .....	1.1-1.2
Volatiles .....	~50% (water)
Melting Point .....	~0°C (water)
Boiling Point .....	~100°C (water)
Solubility in Water .....	Dispersible
Flash Point .....	Not applicable

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## 10. STABILITY AND REACTIVITY

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**Stability:**

Considered stable under normal conditions of use and handling

**Hazardous decomposition products:**

Thermal decomposition may produce acrylic monomers, carbon monoxide, carbon dioxide and oxides of nitrogen.

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## 11. TOXICOLOGICAL INFORMATION

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**TOXICITY DATA:**

**Acute:** No data available for the product.

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## 12. ECOLOGICAL INFORMATION

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No data available for the product.

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## 13. DISPOSAL CONSIDERATIONS

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Collect and dispose of waste at an authorised disposal facility.

Dispose of empty containers in accordance with federal, state and local laws.

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## 14. TRANSPORT INFORMATION

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Not classified as Dangerous Goods according to the Australian Code For The Transport Of Dangerous Goods By Road and Rail (Seventh Edition). See Section 1.

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## 15. REGULATORY INFORMATION

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None required.

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## 16. OTHER INFORMATION

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<sup>1</sup> Australian Code for the Transport of Dangerous Goods by Road and Rail (Seventh Edition).

We cannot anticipate all conditions under which this information and our products may be used. Users are advised to make their own tests to determine the safety and suitability of each product. All information in this Data Sheet is based on data considered accurate and up-to-date as possible. However, no express or implied warranty is made to the accuracy of these data or the results to be obtained from the use of them. Thermoshield assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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