



The Chemical Company

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **SONOLASTIC PRIMER 733**  
Other name: None allocated  
Product code: 2121100990002\_  
Recommended Use: Primer for Sonolastic sealant.

Company: BASF Construction Chemicals Australia Pty Ltd.  
ABN: 46 000 450 288  
Address: 11 Stanton Road,  
Seven Hills, NSW, 2147, Australia  
Telephone number: +61 2 8811 4200  
Facsimile: +61 2 8811 3299

Company: BASF Construction Chemicals New Zealand Ltd.  
Address: 45 William Pickering Drive,  
Albany, Auckland,  
New Zealand  
Telephone number: +64 9 414 7233  
Facsimile: +64 9 414 7244

Emergency telephone number: 0417 658 263

### 2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC  
Effects of overexposure – eye contact: Causes eye irritation  
Effects of overexposure – skin contact: Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).  
Repeated or prolonged contact with skin may cause sensitisation.  
Effects of overexposure – inhalation: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from overexposure to vapour.  
Effects of overexposure – ingestion: Moderately toxic.  
Effects of overexposure – chronic hazards:

Chronic overexposure to xylene may cause damage to the formed elements of blood (e.g. red cells, which carry oxygen). Reports indicate that repeated and prolonged overexposure of the eyes to xylene vapour may cause corneal injury. Chronic inhalation of toluene vapours can produce depression of the central nervous system, leading to fainting, difficulty in breathing, nausea, vomiting, and memory loss. This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous irritation. Be warned that intentional misuse by deliberately inhaling the vapours and/or the product contents (a process often called sniffing) may be harmful or fatal. Pre-existing respiratory or skin condition(s) may be aggravated by exposure. This product may contain a small [ $<0.2\%$ ] amount of toluene diisocyanate. NIOSH, NTP and IARC list toluene diisocyanate as a suspected carcinogen. Note also that prolonged repeated exposure to isocyanates can lead to skin sensitisation. For persons so sensitised even brief exposures to the isocyanate can produce reddening, swelling, rash, or blisters.

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Similarly, prolonged and repeated exposure to isocyanates can lead to respiratory sensitisation. In such individuals brief exposures to isocyanates at levels well below the TLV can produce chemical asthma, and non-specific asthmatic conditions. Overexposure may cause nasal damage.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### INGREDIENTS

| Chemical Name                       | CAS Number | Proportion |
|-------------------------------------|------------|------------|
| Toluene                             | 108-88-3   | 30 - 60%   |
| Propyleneglycol methylether acetate | 108-65-6   | 10 -< 30%  |
| Xylene                              | 1330-20-7  | < 10%      |
| Toluene diisocyanate mix            | 26471-62-5 | < 0.2%     |

### 4. FIRST AID MEASURES

|             |   |
|-------------|---|
| Eyes:       | While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.                                    |
| Skin:       | Remove contaminated clothing. Wash contacted area thoroughly with soap and plenty of water. If irritation persists, seek medical attention. If irritation persists seek medical attention.  |
| Inhalation: | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention immediately.  |
| Ingestion:  | Do NOT induce vomiting. Give victim a glass of water or milk. Seek medical attention immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs. |

### 5. FIRE FIGHTING MEASURES

|                                   |   |
|-----------------------------------|---|
| Suitable extinguishing media:     | Alcohol foam, CO <sub>2</sub> , dry chemical, foam, water fog.  |
| Hazards from combustion products: | Fire produces irritating or poisonous gas. Vapours may form explosive mixture with air. Vapours can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapour) and can be dangerous. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH. Solid stream of water or foam may cause frothing. Direct stream of water into hot burning material will cause splattering. |
| Special fire fighting procedures: | May be ignited by heat, sparks or flame. Containers exposed to fire should be kept cool with water spray. Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH, approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.  |

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### 6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: Ventilate the area and remove all sources of ignition. Evacuate unnecessary personnel. Large spills should be handled carefully. Put on respiratory protection and necessary personal protective equipment. Dike or impound spilled liquid. Absorb spill with inert material (dry sand or earth), then place in a chemical waste container. Repeat sorbent/sweep cycle until the spill has dried up. Avoid runoff into storm sewers and ditches, which lead to waterways.

### 7. HANDLING AND STORAGE

Information for safe handling: Use only in a well ventilated area. Keep out of reach of children. Use spark-proof tools and explosion proof equipment. Ground and bound containers when transferring material.

Conditions for safe storage: Do not store in direct sunlight. Keep away from heat, sparks and flame. Keep container closed when not in use.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: Not available  
Engineering controls: Local exhaust ventilation may be necessary to control any air contaminants to within TLV's during the use of this product.

Personal protective equipment

Respiratory protection: Type A1 if ventilation is inadequate.  
Glove type (AS2161): Long PVC or nitrile rubber gauntlets  
Eye protection: Chemical worker's goggles.  
Clothing: Overalls.  
Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid with strong solvent odour.  
Boiling point (°C): 111 - 251  
Melting point (°C): Not applicable  
Vapour pressure @ 25°(kPa): Not determined  
Vapour density: Is heavier than air  
Specific gravity: 1.07  
Flash point (°C): 18  
Flammability limits (%): UEL – 7.1  
LEL – 1.0  
Solubility in water: Slight  
Evaporation rate: Faster than butyl acetate

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### 10. STABILITY AND REACTIVITY

Hazard of use/storage: Stable under normal storage and application temperature.  
Conditions to avoid: Sources of ignition. Long-term exposure to elevated temperatures.  
Incompatibility: Alcohols and water. Avoid contact with oxidising material.  
Hazardous decomposition products: Oxides of carbon.  
Hazardous polymerisation: Will not occur under normal conditions.

### 11. TOXICOLOGICAL INFORMATION

Product dermal LD50: No information  
Product oral LD50: No information  
Product LC50: No information

Component toxicological information:

| <u>Chemical Name</u>                | <u>Dermal LD50</u> | <u>Oral LD50</u> | <u>LC50</u>             |
|-------------------------------------|--------------------|------------------|-------------------------|
| Propyleneglycol methylether acetate | > 5 g/kg           | 8532 mg/kg       | 4350 ppm                |
| Toluene                             | 12124 mg/kg        | 636 mg/kg        | 49 g/m <sup>3</sup> /4H |
| Xylene                              | > 3.95 g/kg        | 4.3 g/kg         | 6700 ppm/4H             |
| Toluene diisocyanate mix            | > 10 g/kg          | 4130 mg/kg       | 11 ppm/4H               |

### 12. ECOLOGICAL INFORMATION

Ecology: No information.

### 13. DISPOSAL CONSIDERATIONS

Disposal Methods

State/Territory authority: Observe all Federal, State and Local regulations concerning health and pollution for appropriate disposal procedures.

### 14. TRANSPORT INFORMATION

UN number: 1263  
Dangerous goods class: 3  
Subsidiary risk: None allocated  
EPG card: 3C1  
Shipping name: PAINT  
Packing group: II  
Poisons schedule: 5  
Hazchem code: 3[Y] E

### 15. REGULATORY INFORMATION

Risk phrase(s): R 20 - Harmful by inhalation  
R 36/37/38 - Irritating to eyes, respiratory system and skin.



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Safety phrase(s): R 43 - May cause sensitisation by skin contact  
S 16 - Keep away from sources of ignition – no smoking  
S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.  
S 51 - Use only in well ventilated areas.

### 16. OTHER INFORMATION

Reason for Issue: Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.