

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: Sabrebond SMP40

Product Use: Sealants and/or adhesives

**New Zealand Supplier:** Sabre Adhesives Ltd  
Address: 42 Cambridge Street South  
Levin, 5510, New Zealand  
Telephone: +64 (0)6 366 0007  
Fax Number: +64 (0)6 368 0766  
**Emergency No:** **0800 764 766 (National Poison Centre)**

**Australian Supplier:** Sabre Adhesives Ltd  
Address: Level 6, 10 Herb Elliot Street  
Sydney Olympic Park, NSW, 2127, Australia  
Telephone No: +61 2 9098 8244  
Fax: +64 6 368 0766  
**Emergency No:** **13 11 26 (National Poison Line)**

Date SDS Issued: 3 March 2021

### Section 2. Hazards Identification

#### Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

#### New Zealand:

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

**NZ - EPA Approval Code:** Surface Coatings and Colourants (subsidiary) – HSR002670

#### Pictograms



Irritant

#### SIGNAL WORD: Warning

| HSNO Class. | Hazard Code | Hazard Statement | GHS Category |
|-------------|-------------|------------------|--------------|
|-------------|-------------|------------------|--------------|

|      |      |                                |               |
|------|------|--------------------------------|---------------|
| 6.3A | H315 | Causes skin irritation.        | Skin Irrit. 2 |
| 6.4A | H319 | Causes serious eye irritation. | Eye Irrit. 2A |

**Prevention Code      Prevention Statement**

|      |                                       |
|------|---------------------------------------|
| P103 | Read label before use.                |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective clothing.             |

**Response Code      Response Statement**

|                  |  |
|------------------|--|
| P362             | Take off contaminated clothing and wash before re-use.   |
| P302 + P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P305 + P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332 + P313      | If skin irritation occurs: Get medical advice/ attention.  |
| P337 + P313      | If eye irritation persists: Get medical advice/attention.  |

**Storage Code      Storage Statement**

|                |  |
|----------------|--|
| None allocated |  |
|----------------|--|

**Disposal Code      Disposal Statement**

|      |   |
|------|---|
| P501 | Dispose of according to the local authorities |
|------|---|

**Section 3.      Composition of hazardous Ingredients**

| <b>Ingredients</b>               | <b>Wt%</b> | <b>CAS NUMBER.</b> |
|----------------------------------|------------|--------------------|
| Calcium Carbonate                | 30-60      | 1317-65-3          |
| Carbonic Acid, Calcium Salt(1:1) | 15-40      | 471-34-1           |
| Titanium Dioxide                 | 0.5-1      | 13463-67-7         |
| Organosilane                     | 1-5        | 2768-02-7          |
| Dibutyltin oxide                 | 0.1-1      | 818-08-6           |
| Diisononyl phthalate             | 15-40      | 28553-12-0         |
| Carbon Black                     | <0.1       | 1333-86-4          |

**Section 4.      First Aid Measures**

Routes of Exposure:

|              |   |
|--------------|---|
| If in Eyes   | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.  |
| If on Skin   | Take off contaminated clothing and wash before re-use. Wash skin with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.   |
| If Swallowed | Rinse mouth thoroughly with water. Give plenty of water to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. |
| If Inhaled   | If fumes or combustion products are inhaled remove from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.   |

## Most important symptoms and effects, both acute and delayed

Symptoms:

|                    |                                |
|--------------------|--------------------------------|
| <b>Ingestion:</b>  | Not applicable.                |
| <b>Inhalation:</b> | Not applicable.                |
| <b>Skin:</b>       | Causes skin irritation.        |
| <b>Eye:</b>        | Causes serious eye irritation. |

## Section 5. Fire Fighting Measures

|   |   |
|---|---|
| <b>Hazard Type</b>  | Non Flammable.  |
| <b>Hazards from products</b>  | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.  |
| <b>Suitable Extinguishing media</b>                                 | Use carbon dioxide, regular dry chemical, regular foam or water. Do not use high-pressure water streams.  |
| <b>Precautions for firefighters and special protective clothing</b> | A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies. Heating may cause an explosion. Containers may rupture or explode. Keep away from sources of ignition - No smoking Move material from fire area if it can be done without risk Avoid inhalation of vapors or combustion by-products. Dike for later disposal. Stay upwind and keep out of low areas. |
| <b>HAZCHEM CODE</b>   | <b>None allocated</b>   |

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing and equipment, see Section 8. Keep unnecessary and unprotected personnel away from the spillage.

In case of spillage, stop the flow of material and block any potential routes to water systems. Only personnel trained for the hazards of this material should perform clean up and disposal.

## Section 7. Handling and Storage

### Handling:

- Read label before use.
- Wash hands thoroughly after handling.
- Keep away from all ignition sources.
- Avoid contact with eyes and skin.
- Do not eat, drink or smoke when using this product.
- Take precautionary measures against static discharge.
- Wear protective clothing as detailed in Section 8.

### Storage

- Store locked up.
- Store in a cool dry place.
- Store in a well-ventilated area.
- Keep separated from incompatible substances such as strong oxidisers and acids.
- Keep container tightly closed.
- Empty containers may contain product residue.
- Avoid contact with temperatures above 120 C.

## Section 8 Exposure Controls / Personal Protection

## WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

| Substance                                 | TWA |                   | STEL |                   |
|---|-----|-------------------|------|-------------------|
|   | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |
| Limestone (Calcium carbonate) [1317-65-3] | -   | 10                | -    | -                 |
| Marble (Calcium carbonate) [471-34-1]     | -   | 10                | -    | -                 |
| Titanium dioxide [13463-67-7]             | -   | 10                | -    | -                 |
| Carbon black 6.7B [1333-86-4]             | -   | 3                 | -    | -                 |
| Diisononyl phthalate [28553-12-0]         | -   | 5                 | -    | -                 |

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11<sup>TH</sup> EDITION.

### Engineering Controls

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system.

### Personal Protection Equipment



|                    |   |
|--------------------|---|
| <b>Eyes</b>        | Wear splash resistant safety goggles with a faceshield.               |
| <b>Hands</b>       | Wear appropriate chemical resistant gloves.                           |
| <b>Skin</b>        | Wear appropriate chemical resistant clothing.                         |
| <b>Respiratory</b> | Selection and use of respiratory protective equipment should be worn. |

## Section 9 Physical and Chemical Properties

|   |                       |
|---|-----------------------|
| <b>Appearance</b>                       | Paste (solid)         |
| <b>Colour</b>                           | Black, Gray and white |
| <b>Odour</b>                            | Mild                  |
| <b>Odour Threshold</b>                  | Not available         |
| <b>pH</b>                               | Not available         |
| <b>Boiling Point</b>                    | Not available         |
| <b>Melting Point</b>                    | Not available         |
| <b>Freezing Point</b>                   | Not available         |
| <b>Flash Point</b>                      | 93.3°C                |
| <b>Flammability</b>                     | Highly Flammable      |
| <b>Upper and Lower Explosive Limits</b> | Not available         |
| <b>Vapour Pressure</b>                  | Not available         |
| <b>Vapour Density</b>                   | Not available         |
| <b>Specific Gravity (water=1)</b>       | 1.3 – 1.7             |
| <b>Solubility in water</b>              | Slightly soluble      |
| <b>Partition Coefficient:</b>           | Not available         |
| <b>Auto-ignition Temperature</b>        | Not available         |
| <b>Decomposition Temperature</b>        | Not available         |
| <b>Kinematic viscosity</b>              | Not available         |

|                                 |                |
|---------------------------------|----------------|
| <b>Particle Characteristics</b> | Not applicable |
|---------------------------------|----------------|

**Section 10. Stability and Reactivity**

|   |   |
|---|---|
| <b>Stability of Substance</b>           | Stable at normal ambient temperatures and when used as recommended.   |
| <b>Conditions to Avoid</b>              | Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials. Avoid contact with temperatures above 120 C. |
| <b>Incompatible Materials</b>           | Strong oxidizers and acids.   |
| <b>Hazardous Decomposition Products</b> | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.                                  |

**Section 11 Toxicological Information**

**Acute Effects:**

|                   |                                   |
|-------------------|-----------------------------------|
| <b>Swallowed</b>  | Not applicable.                   |
| <b>Dermal</b>     | Not applicable.                   |
| <b>Inhalation</b> | Not applicable.                   |
| <b>Eye</b>        | Causes severe irritation to eyes. |
| <b>Skin</b>       | Causes skin irritation.           |

**Chronic Effects:**

|                               |                 |
|-------------------------------|-----------------|
| <b>Carcinogenicity</b>        | Not applicable. |
| <b>Reproductive Toxicity</b>  | Not applicable. |
| <b>Germ Cell Mutagenicity</b> | Not applicable. |
| <b>Aspiration</b>             | Not applicable. |
| <b>STOT/SE</b>                | Not applicable. |
| <b>STOT/RE</b>                | Not applicable  |

**Individual Components toxicity data:**

**Carbonic acid, calcium salt (1:1) (471-34-1)**

Oral LD50 Rat 6450 mg/kg

**Titanium dioxide (13463-67-7)** Oral LD50 Rat >10000 mg/kg

**Carbon black (1333-86-4)** Oral LD50 Rat >15400 mg/kg

**Organosilane (2768-02-7)** Oral LD50 Rat 7340 µL/kg

**Dibutyltin oxide (818-08-6)** Oral LD50 Rat 44.9 mg/kg

**Diisononyl phthalate (28553-12-0)** Oral LD50 Rat >9750 mg/kg / Inhalation LC50 Rat >4.4 mg/L  
4 h (no deaths occurred)

**Section 12. Ecotoxicological Information**

This product is not hazardous to the environment.

|                                      |                    |
|--------------------------------------|--------------------|
| <b>Persistence and degradability</b> | No data available. |
| <b>Bioaccumulation</b>               | No data available. |
| <b>Mobility in Soil</b>              | No data available. |
| <b>Other adverse effects</b>         | No data available  |

|                             |            |
|-----------------------------|------------|
| <b>Diisononyl phthalate</b> | 28553-12-0 |
|-----------------------------|------------|

|               |  |
|---------------|--|
| Fish:         | LC50 96 h Brachydanio rerio >100 mg/L [semi-static ]; LC50 96 h Lepomis macrochirus >0.14 mg/L [flow-through ]; LC50 96 h Lepomis macrochirus >0.17 mg/L [static ]; LC50 96 h Pimephales promelas >0.19 mg/L [flow-through ]; LC50 96 h Pimephales promelas >0.14 mg/L [static ] |
| Algae:        | EC50 72 h Desmodesmus subspicatus >500 mg/L IUCLID ; EC50 96 h Pseudokirchneriella subcapitata >1.8 mg/L [static ] EPA   |
| Invertebrate: | EC50 48 h Daphnia magna >500 mg/L IUCLID ; EC50 48 h Daphnia magna >0.06 mg/L [Static ] EPA  |

### Section 13. Disposal Considerations

#### Disposal Method:

Triple rinse and dispose according to Local Regulations.

**Precautions or methods to avoid:** None known.

### Section 14 Transport Information

**This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7**  
**This product is NOT classified as a Dangerous Good for transport: NZS 5433:2012**

### Section 15 Regulatory Information

#### Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Schedule 5 Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

#### New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

Surface Coatings and Colourants (subsidiary) – HSR002670  
 HSNO Classification: 6.3A, 6.4A

| HSW (HS) Regulations 2017 and EPA Notices | Trigger Quantity                   |
|---|------------------------------------|
| Certified Handler                         | Not required                       |
| Location Certificate                      | Not required                       |
| Tracking Trigger Quantities               | Not required                       |
| Signage Trigger Quantities                | Not required                       |
| Emergency Response Plan                   | Not required                       |
| Secondary Containment                     | Not required                       |
| Restriction of Use                        | Only use for the intended purpose. |

### Section 16 Other Information

#### Glossary

|                  |   |
|------------------|---|
| EC <sub>50</sub> | Median effective concentration.         |
| EEL              | Environmental Exposure Limit.           |
| EPA              | Environmental Protection Authority      |
| HSNO             | Hazardous Substances and New Organisms. |

|                                      |   |            |
|--------------------------------------|---|------------|
| HSW                                  | Health and Safety at Work.                                    |            |
| LC <sub>50</sub><br>or ingesting it. | Lethal concentration that will kill 50% of the test organisms | inhaling   |
| LD <sub>50</sub>                     | Lethal dose to kill 50% of test animals/organisms.            |            |
| LEL                                  | Lower explosive level.  |            |
| OSHA                                 | American Occupational Safety and Health Administration.       |            |
| TEL                                  | Tolerable Exposure Limit.                                     |            |
| TLV                                  | Threshold Limit Value-an exposure limit set by responsible    | authority. |
| UEL                                  | Upper Explosive Level   |            |
| WES                                  | Workplace Exposure Limit                                      |            |

#### References:

##### Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

##### New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

#### Disclaimer

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