

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** ALL WEATHER FLEX

**Other Means of Identification:** Mixture

**Product Code:** 44503

**Recommended Use of the Chemical and Restriction on Use:** Sealant

**Details of Manufacturer or Importer:**

Soudal Australia Pty Ltd  
Unit 1, 29 Prince William Drive  
Seven Hills NSW 2147

**Phone Number:** 02 8678 7449

**Emergency telephone number:** 1300 507 011

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

**Signal Word** Void

**Hazard Statements** Void

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

**Hazardous Components:**

|            |                                    |                             |        |
|------------|------------------------------------|-----------------------------|--------|
| 471-34-1   | Carbonic acid, calcium salt (1:1)  |                             | 30-60% |
| 13463-67-7 | Titanium oxide (TiO <sub>2</sub> ) |                             | <10%   |
| 107-21-1   | 1,2-ethanediol                     | ⚠ Acute Tox. (Oral) 4, H302 | <1%    |

## 4 . FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms persist.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

**Ingestion:**

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

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## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.  
Product is not flammable.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 . ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Scoop up and collect the spilled material and place into a closing container for disposal. Clean contaminated surfaces with excess water.

## 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Store at room temperature. Max. storage time is 1 year(s). Suitable packaging is synthetic material.

## 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:**

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

NES TWA: 10 mg/m<sup>3</sup>

**107-21-1 1,2-ethanediol**

NES STEL: 104\*\* mg/m<sup>3</sup>, 40\*\* ppm  
TWA: 10\* 52\*\* mg/m<sup>3</sup>, 20\*\* ppm  
Sk;\*particulate;\*\*vapour

**13463-67-7 Titanium oxide (TiO2)**

NES TWA: 10 mg/m<sup>3</sup>

**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

**Respiratory Protection:**

Use approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for

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more information.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

|   |                           |
|---|---------------------------|
| <b>Form:</b>                                    | Paste                     |
| <b>Colour:</b>                                  | Various colours           |
| <b>Odour:</b>                                   | Characteristic            |
| <b>Odour Threshold:</b>                         | No information available  |
| <b>pH-Value:</b>                                | No information available  |
| <b>Melting point/Melting range:</b>             | No information available  |
| <b>Initial Boiling Point/Boiling Range:</b>     | No information available  |
| <b>Flash Point:</b>                             | Not applicable            |
| <b>Flammability:</b>                            | Product is not flammable. |
| <b>Auto-ignition Temperature:</b>               | Not applicable            |
| <b>Decomposition Temperature:</b>               | No information available  |
| <b>Explosion Limits:</b>                        |                           |
| <b>Lower:</b>                                   | Not applicable            |
| <b>Upper:</b>                                   | Not applicable            |
| <b>Vapour Pressure:</b>                         | Not applicable            |
| <b>Relative Density:</b>                        | 1.5                       |
| <b>Vapour Density:</b>                          | Not applicable            |
| <b>Evaporation Rate:</b>                        | No information available  |
| <b>Solubility in Water:</b>                     | Soluble                   |
| <b>Partition Coefficient (n-octanol/water):</b> | No information available  |
| <b>Solids content:</b>                          | 54.8 %                    |

### 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** No information available

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** No information available

**Incompatible Materials:** No information available

**Hazardous Decomposition Products:** Oxides of carbon.

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## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****471-34-1 Carbonic acid, calcium salt (1:1)**Oral LD<sub>50</sub> 6450 mg/kg (rat)**107-21-1 1,2-ethanediol**Oral LD<sub>50</sub> 5840 mg/kg (rat)Dermal LD<sub>50</sub> 9530 mg/kg (rabbit)**Acute Health Effects****Inhalation:** No adverse health effects expected.**Skin:** No adverse health effects expected.**Eye:** No adverse health effects expected.**Ingestion:** No adverse health effects expected.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** Titanium dioxide is classified by IARC as Group 2B - Possibly carcinogenic to humans.**Reproductive Toxicity:**

Based on classification principles, the classification criteria are not met.

Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No adverse ecological effects are expected.**Persistence and Degradability:** Contains readily biodegradable component(s).**Bioaccumulative Potential:** Contains bioaccumulative component(s).**Mobility in Soil:** Contains component(s) that adsorb(s) into the soil.**Other adverse effects:**

Global warming potential (GWP)

None of the known components is included in the list of fluorinated greenhouse gases.

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer.

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

**14 . TRANSPORT INFORMATION****UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**15 . REGULATORY INFORMATION****Australian Inventory of Chemical Substances:**

|            |                                    |
|------------|------------------------------------|
| 107-21-1   | 1,2-ethanediol                     |
| 13463-67-7 | Titanium oxide (TiO <sub>2</sub> ) |
| 471-34-1   | Carbonic acid, calcium salt (1:1)  |

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

**16 . OTHER INFORMATION****Date of Preparation or Last Revision:** 08.03.2016**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Tox. (Oral) 4: Acute toxicity, Hazard Category 4

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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