



## MATERIAL SAFETY DATA SHEET

PROLASTIK NC Neutral Cure Silicone Sealant

### 1. Identification of Products and Supplier

**Name:** PROLASTIK NC Neutral Cure Silicone Sealant  
**Form:** Mixture  
**Group:** Trade Product  
**Main Use:** Sealant  
**Usage Cat:** Industrial, Professional, Consumer Use

**Company:** Blue Chip Group Pty Ltd  
**ABN:** 98 162 282 064  
**Head Office:** 16 Ashby Close, Forrestfield WA 6058  
**Phone:** 1300 945 123  
**Email:** [sales@bluechipgroup.net.au](mailto:sales@bluechipgroup.net.au)

### 2. Hazards Identification

#### Classification According to Regulation (EC) No. 1272/2008 [CLP]:

- Serious eye damage / eye irritation, Category 2 H319
- Skin sensitisation, Category 1 H317
- Full text of H statements – see section 16

#### Adverse Physicochemical, Human Health and Environmental Effects:

- May cause an allergic skin reaction
- May cause serious eye irritation

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]:

- Hazard pictograms (CLP) – GHS07



- Signal word (CLP) – Warning
- Contains – N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE, BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME, BUTAN-2-ONE O,O',O''-(VINYLIDYNE)TRIOXIME  
Hazard statements – H317, H319
- Precautionary statements (CLP)  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280: Wear protective gloves/clothing/eye protection/face protection/hearing protection.  
P321: Specific treatment (see supplemental first aid instruction on this label).  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.
- Other hazards – No additional information available



### 3. Composition

#### Substances – Not Applicable

#### Mixtures – Classification According to Regulation (EC) No. 1272/2008 [CLP]

NAME	IDENTIFIER	%	CLASSIFICATION
BUTAN-2-ONE O,O',O" (METHYLSILYLIDYNE)TRIOXIME	(CAS-No) 22984-54-9 (EC-No) 245-366-4 (REACH-No) 01-2119970560-38	1-10	Eye Irrit. 2, H319 Skin Sens 1, H317 STOT RE 2, H373
BUTAN-2-ONE O,O',O" (VINYLILYLIDYNE)TRIOXIME	(CAS-No) 2224-33-1 (EC-No) 218-747-8	1-10	Eye Dam. 2, H318 Skin Sens 1, H317 STOT Cat 2, H373
N-(3-(TRIMETHOXYSILYL) PROPYL)ETHYLENEDIAMINE	(CAS-No) 1760-24-3 (EC-No) 217-164-6	.1-1	Eye Dam. 1, H318 Skin Sens 1, H317 STOT Cat 3, H335

For full text of H-statements see section 16.

### 4. First Aid Measures

**Skin:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**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/attention.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** Call a poison centre or a doctor if you feel unwell.

If above symptoms persist seek medical attention. Other symptoms likely due to other causes.

### 5. Fire Fighting Measures

**Extinguishing Media:** Water spray, dry powder, foam

**Hazardous Release:** Toxic fumes may be released

**Firefighting PPE:** Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus and complete protective clothing. For further information refer to section 8.

### 6. Accidental Release Measures

**Emergency Procedure:** Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.



## Accidental Release Measures (Continued)

- Protective Equipment:** Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus and complete protective clothing. For further information refer to section 8.
- Environmental Caution:** Avoid release into the environment.
- Clean-up Method:** Mechanically recover the product.
- Disposal Method:** Dispose of materials or solid residue at an authorised site.

## 7. Handling and Storage

**Handling:** Ensure good ventilation in the immediate work area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.

**Storage:** Store in original packing in a location free from any ignition hazard such as open flames, cutting, welding torches, high surface electric heaters and other forms of direct radiant heating. Store in a well-ventilated place. Keep cool.

## 8. Exposure Controls / Personal Protection (PPE)

### National Occupational Exposure and Biological Limit Values:

#### SILICA, AMORPHOUS (7631-86-9)

- Austria, MAK Daily Average Value (mg/m<sup>3</sup>) ≈ 4 mg/m<sup>3</sup>
- United Kingdom, WEL TWA (mg/m<sup>3</sup>) ≈ 6 mg/m<sup>3</sup>

#### CALCIUM CARBONATE (471-34-1)

- France, VME (mg/m<sup>3</sup>) ≈ 10 mg/m<sup>3</sup>
- Ireland, OEL 8 hours ref. (mg/m<sup>3</sup>) ≈ 10 mg/m<sup>3</sup>
- Latvia, OEL TWA (mg/m<sup>3</sup>) ≈ 6 mg/m<sup>3</sup>
- Poland, NDS (mg/m<sup>3</sup>) ≈ 10 mg/m<sup>3</sup>
- United Kingdom, WEL TWA (mg/m<sup>3</sup>) ≈ 10 mg/m<sup>3</sup>
- Switzerland, MAK (mg/m<sup>3</sup>) ≈ 3 mg/m<sup>3</sup>

**Recommended Monitoring Procedures:** No additional information available.

**Air Contaminants Formed:** No additional information available.

**DNEL and PNEC:** No additional information available.

**Control Banding:** No additional information available.



**Appropriate Engineering Controls:** Ensure good ventilation in work area.

**Personal Protective Equipment (PPE) Symbols:** See below:



**Eye and Face Protection:** Safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Hand Protection:** Protective gloves.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazards:** No additional information available.

**Environmental Exposure Controls:** Avoid release into the environment.

## 9. Physical and Chemical Properties

**Physical State:** Solid.  
**Appearance:** White/Grey/Black.  
**Odour:** Characteristic odour.  
**Density:** ≈ 1.33 g/mL  
**VOC Content:** ≈ 98.84 g/l

More physical properties are available in the product technical literature.

## 10. Stability and Reactivity

**Reactivity:** The product is non-reactive under normal conditions of use, storage, and transport.

**Chemical Stability:** Stable under normal conditions.

**Hazardous Reactions:** No dangerous reactions known under normal conditions of use.

**Conditions to Avoid:** None under recommended storage and handling conditions (see section 7).

**Incompatible Materials:** No additional information available.

**Hazardous Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.



## 11. Toxicological Information

### Information on Toxicological Effects:

- Acute Toxicity (Oral)                      Not classified.
- Acute Toxicity (Dermal)                  Not classified.
- Acute Toxicity (Inhalation)              Not classified.

### BUTAN-2-ONE O,O',O''-(VINYL-SILYLIDYNE)TRIOXIME (2224-33-1)

- LD50 Oral Rat                                ≈ 2000 mg/kg
- LD50 Dermal Rat                          ≈ 2009 mg/kg
- STOT Repeated Exposure                May cause damage to organs through repeated exposure.
- STOT Single Exposure                    Not classified.

### BUTAN-2-ONE O,O',O''-(METHYL-SILYLIDYNE)TRIOXIME (22984-54-9)

- LD50 Oral Rat                                ≈ 2453 mg/kg
- LD50 Dermal Rat                          ≈ 2000 mg/kg
- STOT Repeated Exposure                May cause damage to organs through repeated exposure.
- STOT Single Exposure                    Not classified.

### N-(3-(TRIMETHOXY-SILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)

- LD50 Oral Rat                                ≈ 2295 mg/kg
- LD50 Dermal Rat                          ≈ 2000 mg/kg
- STOT Repeated Exposure                Not classified.
- STOT Single Exposure                    May cause respiratory irritation.

**Skin Corrosion / Irritation:**              Not classified.

**Eye Damage / Irritation:**                Causes serious eye irritation.

**Respiratory / Skin Sensitisation:**      May cause an allergic skin reaction.

**Germ Cell Mutagenicity:**                Not classified.

**Carcinogenicity:**                         Not classified.

**Reproductive Toxicity:**                 Not classified.

**Aspiration Hazard:**                      Not classified.

## 12. Ecological Information

**Ecology – General:**                      Not considered harmful to aquatic organisms nor to cause long-term adverse effects to the environment.

**Aquatic Hazard (Acute):**                 Not classified.

**Aquatic Hazard (Chronic):**              Not classified. Not rapidly degradable.



#### Information on Aquatic Toxicological Effects:

##### **BUTAN-2-ONE O,O',O''-(VINYLSTYLYLIDYNE)TRIOXIME (2224-33-1)**

- LC50 Fish 1011 mg/l
- EC50 Aquatic Organisms 201 mg/l

##### **BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (22984-54-9)**

- LC50 Fish 972.34 mg/l
- EC50 Aquatic Organisms 231.84 mg/l

**Persistence and Degradability:** No additional information available.

**Bio-accumulative Potential:** No additional information available.

**Mobility in Soil:** No additional information available.

**PBT and vPvB Assessment:** No additional information available.

**Other Adverse Effects:** No additional information available.

#### **13. Disposal Considerations**

Dispose of contents and containers in accordance with national and local regulations.

#### **14. Transport Information**

##### **Classification in Accordance with ADR / IMDG / IATA / AND / RID:**

- UN Number: Not applicable.
- UN Shipping Name: Not applicable.
- Transport Hazard Class: Not applicable.
- Packing Group: Not applicable.
- Environmental Hazards: Not applicable.

Classified as non-dangerous goods for the transport of dangerous goods by overland road, sea-freight, airfreight, inland waterways, and rail.

#### **15. Regulatory Information**

Not applicable