# TRIGRIP HIGH TACK HYBRID POLYMER ADHESIVE

| | |
|---|---|
| **Product Name:** | **TriGrip High Tack Hybrid Polymer Adhesive**<br>**1345237 Rev.3** |
| **Revision Date:** | 01-Mar-2022<br>**According to Regulation (EC) No. 1907/2006** |

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product Identifier

**Product Name:** TriGrip High Tack Hybrid Polymer Adhesive

**Type of Product:** Adhesives, Sealants

**Pure Substance/Mixture:** Mixture

### 1.2. Product relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant Identified Uses

- Intended for general public
- Use of the substance/mixture: Construction industry, both indoors and outdoors as an elastic adhesive and sealant.

#### 1.2.2. Uses Advised Against

- No additional information available

## 1.3. Details of the supplier of the safety data sheet

**Tricel Composites (GB) Limited**

Unit A, Foxway,
Off Atkinson Street,
Leeds, West Yorkshire,
LS10 1PS.
Tel: +44 (0)113 270 3133

**Tricel Composites (NI) Limited**

Unit 4, Milltown Ind. Estate, Greenan
Road. Warrenpoint, Newry
Co. Down,
BT34 3FN.
Tel: +44 (0)284 175 3738

## 1.4. Emergency Telephone Number

**Emergency medical information:** 8am-10pm (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland.
Telephone Number: +353 (0)1 809 2166

| **Leeds:** | **Newry:** |
|---|---|
| Tel: +44 (0)113 270 3133 | Tel: +44 (0)284 175 3738 |

### 1.4.1. Poison Information Centre Telephone Number

**European** emergency phone number: 112
**UK:** National Poisons Emergency Number : 0344 892 0111
**Ireland:** National Poisons Information Centre (NPIC)Telephone Healthcare Professionals : +353 (01) 809 2566. (24 hour service)Telephone Members of Public: +353 (01) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)

# 2. Hazards Identification

## 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified**

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

## 2.2. Label elements

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

Signal Word (CLP): -

### 2.2.1. Precautionary Statements (CLP)

P102 - Keep out of reach of children

### 2.2.2. EUH-statements

EUH210 - Safety data sheet available on request.

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH208 - Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, trimethoxyvinylsilane. May produce an allergic reaction.

**Child-resistant fastening**

Not applicable

**Tactile Warning**

Not applicable

### 2.3. Other Hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## 3. Composition/Information on Ingredients

### 3.1. Substance

Not Applicable

### 3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Titanium Dioxide | (CAS-No.) 13463-67-7 | >1–<2 | Carc. 2, H351 |
| (Note 10) | (EC-No.) 236-675-5 | | |
| | (EC Index-No.) 022-006-00-2 | | |
| | (REACH-no) 01-2119489379-17- | | |
| | 0005 01-2119489379-17-0006 | | |
| | 01-2119489379-17-0018 | | |
| trimethoxyvinylsilane | (CAS-No.) 2768-02-7 | >0.1–<1 | Skin Sens. 1B, H317 |
| | (EC-No.) 220-449-8 | | |
| | (REACH-no) 01-2119513215-52-0002 | | |
| Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl | (CAS-No.) 82919-37-7 | >0.1–< | Skin Sens. 1, H317 |
| | (REACH-no) 01-2119491304-40 | 0.5 | Aquatic Acute 1, H400 |
| | | | Aquatic Chronic 1, H410 |

Note 10 : The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm. Full text of H- and EUH-statements: see section 16

# 4. First Aid Measures

## 4.1. Description of First Aid Measures

**First-aid measures after inhalation:** Remove person to fresh air and keep comfortable for breathing.

**First-aid measures after skin contact:** Wash skin with plenty of water.

**First-aid measures after eye contact:** Rinse eyes with water as a precaution

**First-aid measures after ingestion:** Call a poison center or a doctor if you feel unwell.

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

No additional information available

## 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

# 5. Firefighting Measures

## 5.1. Extinguishing media

**Suitable extinguishing media:** Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special Hazards Arising from the Substance or Mixture

**Hazardous decomposition products in case of:** Toxic fumes may be released case of fire

### 5.3. Advice for Firefighters

**Protection during firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete Protective Clothing.

## 6. Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency Procedures:
Ventilate Spillage Area

#### 6.1.2. For emergency responders

Protective equipment:
Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental Precautions

Avoid Release to the Environment

### 6.3. Methods and Material for Containment and Cleaning Up

**Methods for cleaning up:** Recover mechanically the product.

**Other information:** Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## 7. Handling and Storage

### 7.1. Precautions for safe handling

#### 7.1.1. Precautions for safe handling

- Ensure good ventilation of the work station.
- Wear personal protective equipment.

#### 7.1.2. Hygiene measures

- Do not eat, drink or smoke when using this product. Always wash hands after handling the product

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions**

- Store in a well-ventilated place.
- Keep cool

#### 7.2.1. 7.3 Specific End Use(s)

No additional information available

# 8. Exposure Controls/Personal Protection

Control Parameters

| Titanium Dioxide (13463-67-7 | | |
|---|---|---|
| Belgium | OEL TWA | 10 mg/m³ |
| France | VME (OEL TWA) | 10 mg/m³ |
| Germany | Notes | |
| United Kingdom | WEL TWA (OEL TWA) [1] | 10 mg/m³<br>4 mg/m³ |
| USA - ACGIH | ACGIH OEL TWA | 10 mg/m³ |

## 8.1. Exposure Controls

**Appropriate Engineering Controls:** Ensure good ventilation of the work station

**Hand Protection:** Protective gloves

**Eye Protection:** Safety Glasses

**Skin and body protection:** Wear suitable protective clothing

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

Environmental exposure controls

Avoid Release to the environment

**Personal Protective Equipment Symbols(s):**

# 9. Physical and Chemical Properties

## 9.1. Information on Basic Physical and Chemical Properties

| | |
|---|---|
| Appearance | : Paste. |
| Colour | : Grey. |
| Odour | : slight |
| Odour threshold | : No data available |
| Ph | : No data available |
| Relative Evaporation Rate (butylacetate = 1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |

| | |
|---|---|
| Auto-ignition temperature : | No data available |
| Decomposition temperature : | No data available |
| Flammability (solid, gas): | Not applicable |
| Vapour pressure: | No data available |
| Relative vapour density at 20 °C: | No data available |
| Relative density: | No data available |
| Density: | 1.58 g/cm³ ±0,03 |
| Solubility: | insoluble in water |
| Partition coefficient n-octanol/water (Log Pow): | No data available |
| Viscosity, kinematic: | No data available |

| | |
|---|---|
| Viscosity, dynamic: | No data available |
| Explosive properties: | No data available |
| Oxidising properties: | No data available |
| Explosive limits | : No data available |

# 10. Stability and Reactivity

## 10.1. Reactivity

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

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7)

## 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition Products

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

# 11. Toxicological Information

## 11.1. Information on toxicological effects

- Acute Toxicity: Not classified

| trimethoxyvinylsilane (2768-02-7) | |
|---|---|
| LD50 oral<br>Rat | 7120 – 7236 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit) | 3259 – 3880 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Female, Converted value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | 16.8 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s)) |
| | |
| Titanium Dioxide (13463-67-7) | |
| *LD50 oral rat* | > 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LC50 Inhalation - Rat | > 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |

- Skin Corrosion/Irritation: Not Classified
- Serious Eye Damage/Irritation: Not Classified
- Respiratory or Skin Sensitisation: Not Classified
- Germ cell mutagenicity: Not Classified
- Carcinogenicity: Not Classified

| | | |
|---|---|---|
| Titanium Dioxide (13463-67-7) | : | |
| IARC group | : | 2B - Possibly carcinogenic to humans |

- Reproductive toxicity: Not Classified
- STOT-single exposure: Not Classified
- STOT-repeated exposure: Not Classified
- Aspiration hazard: Not Classified

# 12. Ecological Information

## 12.1. Toxicity

**Ecology – general:** The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Hazardous to the aquatic environment, short term (acute):** Not classified

**Hazardous to the aquatic environment, long-term (chronic):** Not classified

| trimethoxyvinylsilane (2768-02-7) | |
|---|---|
| LC50 - Fish [1] | 191 mg/l (96 h, Oncorhynchus mykiss, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Crustacea [1] | 168.7 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |
| ErC50 algae | > 89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |

| Titanium Dioxide (13463-67-7) | |
|---|---|
| LC50 - Fish [1] | > 100 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Crustacea [1] | 19.3 mg/l Test organisms (species): Daphnia magna |
| EC50 - Crustacea [2] | 27.8 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

| | |
|---|---|
| ErC50 algae | 61 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static |
| | system, Fresh water, Experimental value, Nominal concentration) |
| NOEC (chronic) | ≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

## 12.2. Persistence and Degradability

| trimethoxyvinylsilane (2768-02-7) | |
|---|---|
| Persistence and degradability | Not readily biodegradable in water. |

| Titanium Dioxide (13463-67-7) | |
|---|---|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable (inorganic) |
| ThOD | Not applicable (inorganic) |

## 12.3. Bioaccumulative Potential

| trimethoxyvinylsilane (2768-02-7) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 1.1 (QSAR, KOWWIN, 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

Titanium Dioxide (13463-67-7)

| | |
|---|---|
| *Bioaccumulative potential* | *Not bioaccumulative.* |

### 12.4. 12.4 Mobility in Soil

| trimethoxyvinylsilane (2768-02-7) | |
|---|---|
| Ecology - soil | No (test)data on mobility of the substance available |
| | |

**Titanium Dioxide (13463-67-7)**

| | | |
|---|---|---|
| *Surface tension* | *No data available in the literature* | |
| *Ecology - soil* | *Low potential for mobility in soil.* | |

### 12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| Titanium Dioxide (13463-67-7) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| trimethoxyvinylsilane (2768-02-7) | This substance/mixture does not meet the vPvB criteria of REACH |
| trimethoxyvinylsilane (2768-02-7) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| Titanium Dioxide (13463-67-7) | This substance/mixture does not meet the vPvB criteria of REACH |

## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

# 14. Transport Information

In accordance with ADR / RID / IMDG / IATA / ADN

## 14.1. UN number or ID number

- UN-No. (ADR): Not applicable
- UN-No. (IMDG): Not applicable
- UN-No (IATA): Not applicable
- UN-No. (AND): Not applicable

## 14.2. UN number or ID number

- Proper Shipping Name (ADR): Not applicable
- Proper Shipping Name (IMDG): Not applicable
- Proper Shipping Name (IATA): Not applicable
- Proper Shipping Name (ADN) : Not applicable
- Proper Shipping Name (RID): Not applicable

## 14.3. Transport hazard class(es)

- Transport Hazard Class(es)(ADR): Not applicable
- Transport Hazard Class(es)(IMDG): Not applicable
- Transport Hazard Class(es)(IATA): Not applicable
- Transport Hazard Class(es)(AND): Not applicable
- Transport Hazard Class(es)(RID): Not applicable

## 14.4. Packing group

- Packing Group (ADR): Not Applicable
- Packing Group (IMDG): Not Applicable
- Packing Group (IATA): Not Applicable
- Packing Group (AND): Not Applicable
- Packing Group (RID): Not Applicable

### 14.5. Environmental hazards

- Dangerous for the Environment: No
- Marine pollutant: No
- Other Information: No supplementary information available

### 14.6. Special precautions for user

Overland transport: Not applicable

Transport by Sea: Not applicable

Air Transport: Not applicable

Inland Waterway Transport: Not applicable

Rail Transport: Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable

## 15. Regulatory Information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### 15.1.2. National regulations

Germany
**Regulatory Reference:** WGK 1, Slightly hazardous to water (Classification according to AwSV,: Annex 1)
**Hazardous Incident Ordinance (12 *BImSchV):*** Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
Netherlands
**SZW-lijst van kankerverwekkende stoffen:** None of the components are listed
**SZW-lijst van mutagene stoffen:** None of the components are listed
**SZW-lijst van reprotoxische stoffen – Borstvoeding:** None of the components are listed
**SZW-lijst van reprotoxische stoffen – Vruchtbaarheid:** None of the components are listed
**SZW-lijst van reprotoxische stoffen – Ontwikkeling:** None of the components are listed
Denmark
**Danish National Regulations:** The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal
Switzerland
**Storage class (LK):** LK 10/12 – Liquids

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## 16. Other Information

| Abbreviations and acronyms: | |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |

| | |
|---|---|
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |

| | |
|---|---|
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

**Data sources:**

Classification according to Regulation (EC) No. 1272/2008 [CLP]. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:

| | |
|---|---|
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Carc. 2 | Carcinogenicity, Category 2 |
| EUH208 | Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, trimethoxyvinylsilane. May produce an allergic reaction |
| EUH210 | Safety data sheet available on request |
| EUH211 | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |
| H317 | May cause an allergic skin reaction. |
| H351 | Suspected of causing cancer. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |

## Disclaimer

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may*

*not be valid for such material used in combination with any other materials or in any process, unless specified in the text.*

**End of Safety Data Sheet**