

TRIDRIVE UV RESISTANT RESIN BOUND PAVING SYSTEM PART A

Product Name:	TriDrive UV Resistant Resin Bound Paving System Part A 1154672 Rev.2
Revision Date:	13-June-2023 According to Regulation (EC) No. 1907/2006

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

1.1. Product Identifier

Product Name:	TriDrive UV Resistant Resin Bound Paving System Part A
Chemical Name:	Polyol
Pure Substance/Mixture:	Mixture

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

Binder

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 of the substance or mixture - GHS/CLP (n° 1272/2008)

Not classified

2.2. Label elements

Not applicable

2.2.1. Hazard Statements

Not applicable

2.2.2. Precautionary Statements

Precautionary statements on the label will be reduced as indicated in Regulation (EC) No 1272/2008, Article 28.

Not applicable

2.3. Other Hazards

Not applicable

2.3.1. Results of PBT and vPvB Assessment

Not determined

2.3.2. Endocrine Disruptor Information

Endocrine disrupting - health: Not applicable

Endocrine disrupting - environment: Not applicable

3. Composition/Information on Ingredients

Substance, Mixture or Article: Mixture

3.1. Mixtures

No Hazardous Ingredients

See Section 16 for full text of H phrases.

4. First Aid Measures

4.1. Description of First Aid Measures

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes.

Skin Contact: Wash immediately with plenty of water and soap.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

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

None known.

4.3. Indication of any immediate medical attention and special treatment

Not applicable.

5. Firefighting Measures

5.1. Extinguishing media

Suitable Extinguishing Media: Use water spray or fog, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media: Full water jet.

5.2. Special Hazards arising from substance or mixture

Keep containers cool by spraying with water if exposed to fire.

5.3. Advice for Firefighters

Protective Equipment: Firefighters, and others exposed, wear self-contained breathing apparatus.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

- Where exposure level is not known, wear approved, positive pressure, self-contained respirator.
- Where exposure level is known, wear approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8 (Exposure Controls/Personal Protection), wear impermeable boots.

6.2. Environmental Precautions

None known.

6.3. Methods and Material for Containment and Cleaning Up

Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

6.4. Reference to other sections

See Sections 7, 8 and 13 for additional information.

7. Handling and Storage

7.1. Precautions for safe handling

Precautions: Wash hands thoroughly after handling.

Special Handling Statements: During processing and handling of the product, comply with the indicative occupational exposure limit values.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place and keep container tightly closed. Observe the general rules of industrial fire protection.

Storage Temperature: Ambient temperature

Reason: Quality

Storage Class (TRGS 510): 10

7.3. Specific end use(s)

Refer to Section 1 or Exposure Scenario if applicable.

8. Exposure Controls/Personal Protection

8.1. Control Parameters

No OEL values have been established.

8.1.1. Biological Exposure Limit(s)

No values have been established.

8.2. Exposure Controls

Engineering Measures:

Utilize a closed system process where feasible.

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.

Respiratory Protection:

For operations where inhalation exposure can occur use an approved respirator.

Recommendations are listed below. Other protective respiratory equipment may be used based on user's own risk assessment.

Recommended:

Full Face Mask with organic vapor cartridge, Type A filter (BP >65°C)

Eye Protection:

Prevent eye and skin contact.

Provide eye wash fountain and safety shower in close proximity to points of potential exposure. Wear eye/face protection such as chemical splash proof goggles or face shield.

Skin Protection:

Prevent contamination of skin or clothing when removing protective equipment.

Barrier creams may be used in conjunction with the gloves to provide additional skin protection. Wear impermeable gloves and suitable protective clothing.

Hand Protection:

Nitrile or fluorinated rubber gloves. Consider the porosity and elasticity data of the glove manufacturer and the specific conditions in the work place. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

The selected protective gloves have to satisfy the specifications of EU Regulation (EC) 2016/425 and standard EN ISO 374-1:2016.

Additional Advice:

Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	viscous liquid
Colour:	yellow
Odor:	odourless
Odor Threshold:	See Section 8 for exposure limits.
Melting Point:	Not available
Boiling Point:	> 300 °C
Flammability:	Normal combustion
Flammable Limits (% By Vol):	Not available
Flash point:	127 °C DIN EN 2719
Autoignition temperature:	420 °C
Decomposition Temperature:	Not available
pH:	Not available
Viscosity (Kinematic):	Not applicable
Viscosity (Dynamic):	~ 4700 mPa.s @ 23 °C
Solubility In Water:	Insoluble
Solubility In Solvent:	Not available
Partition coefficient	Not available
(n-octanol/water):	
Vapor Pressure:	Not available
Specific Gravity/Density:	g/cm ³

Vapour density:	Not available
Particle characteristics:	Not applicable

9.2. Other Information

Not applicable

10. Stability and Reactivity

10.1. Reactivity

No information available

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Polymerization: Will not occur

Conditions To Avoid: None known

10.4. Conditions to avoid

None known

10.5. Incompatible materials

None known

10.6. Hazardous decomposition Products

None known

11. Toxicological Information

11.1. Information on Toxicological Effects

Likely Routes of Exposure: Oral, Skin, Eyes.

Acute toxicity – oral: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity – dermal: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity – inhalation: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Skin corrosion / irritation: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Serious eye damage / eye irritation: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Respiratory sensitization: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Skin sensitization: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

Carcinogenicity: Not Classified. – Based on available data and/or professional judgment, the classification criteria are not met.

Germ cell mutagenicity: Not Classified. – Based on available data and/or professional judgment, the classification criteria are not met.

Reproductive toxicity: Not Classified. – Based on available data and/or professional judgment, the classification criteria are not met.

Specific target organ toxicity (STOT) – single exposure: Not Classified. – Professional judgment, the classification criteria are not met.

Specific target organ toxicity (STOT) – repeated exposure: Not Classified. – Professional judgment, the classification criteria are not met.

– Based on available data and/or

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Aspiration hazard: Not Classified – Based on available data and/or professional judgment, the classification criteria are not met.

11.1.1. Product Toxicity Information

ACUTE TOXICITY DATA					
oral	rat	Acute LD50	>	2000	mg/kg
dermal	rabbit	Acute LD50	>	2000	mg/kg
inhalation	rat	Acute LC50 4 hr	>	20	mg/l (Vapors)
LOCAL EFFECTS ON SKIN AND EYE					
Acute Irritation	dermal	rabbit	Not irritating		
Acute Irritation	eye	rabbit	Not irritating		
ALLERGIC SENSITIZATION					
Local Lymph Node Assay	dermal	mouse	Not sensitizing		
Sensitization	respiratory	No data			
GENOTOXICITY					
Assays for Gene Mutations					
Bacterial Reverse Mutation +/- S9	Salmonella Typhimurium	Not mutagenic, (tested)			

11.1.2. Other Information

The product toxicity information above has been estimated.

11.1.3. Hazardous Ingredient Toxicity Data

No Hazardous Ingredients

12. Ecological Information

TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS

The ecological assessment for this material is based on an evaluation of its components. This material is not classified as dangerous for the environment.

12.1. Ecotoxicity

12.1.1. BACTERIA TEST RESULTS

Test: Respiration Inhibition (OECD 209)

Species: Activated Sludge – Bacterial > 1000 mg/l

12.2. Persistence and Degradability

Not available

12.2.1. DEGRADATION

Test: Manometric Respirometry (OECD 301F)

Duration: 28 day 43% This material is not readily biodegradable.

12.3. Bio-accumulative potential

Not available

12.4. Mobility in Soil

Not available

12.5. Results in PBT and vPvB Assessment

Not determined

12.6. Endocrine Disrupting Properties

12.7. Other Adverse Effects

Not available

13. Disposal Considerations

13.1. Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed. For disposal within the European Community, waste codes according to Directive 2008/98/EC should be assigned by the user based on the application for which the product was used

Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

14. Transport Information

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

ADR/RID/ADN

Dangerous Goods? Not applicable/Not regulated

IMO

Dangerous Goods? Not applicable/Not regulated

ICAO / IATA

Dangerous Goods? Not applicable/Not regulated

14.1. Waste Treatment Methods

No information available

14.2. Waste Treatment Methods

IBC CODE No information available

15. Regulatory Information

15.1. Safety, Health And Environmental Regulations / Legislation Specific For The Substance Or Mixture

Ozone Depleting Substances (Regulation (EC) No 1005/2009): Not applicable

Persistent Organic Pollutants (Regulation (EC) No 850/2004): Not applicable

Prior Informed Consent (Regulation (EC) No 689/2008): Not applicable

Substances subject to Authorization (Annex XIV of Regulation (EC) No 1907/2006):
Not applicable

**Substances subject to Restrictions for certain applications (Annex XVII of
Regulation (EC) No 1907/2006):** Not applicable

Water Endangering Class (Germany): 1 according to AwSV, 18.04.2017 Inventory Information

European Economic Area (including EU): When purchased and shipped from an Allnex legal entity based in the EEA (EU or Norway), this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered.

United Kingdom: When purchased from allnex UK this product is compliant with the UK-REACH Regulation as all its components are either notified, excluded, exempt and/or registered. If the material has been purchased by your legal entity based in GB from an allnex legal entity based in the EEA (EU or Norway) in 2019 or 2020, you can continue to import the material into GB as it is covered by allnex DUIN.

United States (USA): All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

Australia: All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: All components of this product are included on the Japanese (ENCS and ISHL) inventories or are not required to be listed on the Japanese inventories.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory. When purchased from Allnex Korea or Chemart distributor this product is compliant with the ARECs (the Act on the Registration and Evaluation, etc. of Chemical Substances). All its components are either excluded, exempt, pre-notified and/or registered. When purchased from another allnex entity, please contact PSRA-KREACH@allnex.com to check the possibility to be covered by our Only Representative.

Philippines: All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

Taiwan: All components of this product are included in the Taiwan chemical substance inventory or are not required to be listed on the Taiwan chemical substance inventory (TCSI).

Switzerland: All components of this product are exempt from the new substance notification requirements for Switzerland (SR 813.11 art. 24-26).

Turkey: When purchased directly from Allnex by a Turkish legal entity, this product is compliant with the PRE-registration requirements of KKDIK as all its components are either pre-registered, excluded and/or exempt.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

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