# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

## 1.1. Product Identifier

<table>
<thead>
<tr>
<th>Pure substance/mixture</th>
<th>LAYBOND WOOD MS POLYMER</th>
</tr>
</thead>
</table>

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

- **Recommended use**: Adhesives.
- **Uses advised against**: None known

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

**Company Name**
Bostik GmbH
An der Bundesstrasse 16
33829 Borgholzhausen, Germany
Tel: +49 (0) 5425 / 801 0
Fax: +49 (0) 5425 / 801 140

**E-mail address**
SDS.box-EU@bostik.com

## 1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Location</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
<td>+44 (1785) 272650</td>
</tr>
<tr>
<td>Ireland</td>
<td>+353 (1) 8624900 (Monday-Friday 9am-5pm)</td>
</tr>
</tbody>
</table>

# Section 2: HAZARDS IDENTIFICATION

## 2.1. Classification of the substance or mixture

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

## 2.2. Label Elements

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

**Signal word**
None

**EU Specific Hazard Statements**
EUH210 - Safety data sheet available on request

## 2.3. Other Hazards

**General Hazards**
No information available.

**PBT and vPvB assessment**
The components in this formulation do not meet the criteria for classification as PBT or vPvB
Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>Specific concentration limit (SCL)</th>
<th>REACH Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silane, ethenyltrimethoxy-</td>
<td>220-449-8</td>
<td>2768-02-7</td>
<td>1-&lt;2.5</td>
<td>Acute Tox. 4 (H332) Flam. Liq. 3 (H226) STOT RE 2 (H373)</td>
<td></td>
<td>01-2119513215-52-XXXX</td>
</tr>
<tr>
<td>Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate</td>
<td>258-207-9</td>
<td>52829-07-9</td>
<td>0.1-&lt;1</td>
<td>Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)</td>
<td></td>
<td>01-2119537297-32-XXXX</td>
</tr>
</tbody>
</table>

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL.

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice If medical advice is needed, have product container or label at hand.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin Contact Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a doctor.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.

Ingestion Call a doctor or poison control centre immediately. If swallowed, rinse mouth with water (only if the person is conscious). Small amounts of toxic methanol are released by hydrolysis.

Self-Protection of the First Aider First aider: Pay attention to self-protection!

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

Symptoms None known.

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

Note to doctors Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.
Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media
Carbon dioxide (CO2). Extinguishing powder. Water spray or fog. Alcohol resistant foam.

Unsuitable Extinguishing Media
Strong water jet

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of toxic/corrosive gases and vapours. Carbon monoxide. Carbon dioxide (CO2).

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions
Use personal protection equipment. Avoid contact with skin, eyes or clothing. Do not touch or walk through spilled material.

For emergency responders
Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent product from entering drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Methods for Containment
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up
Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. No special fire protection measures are necessary.

General Hygiene Considerations
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep away from food, drink and animal feedingstuffs. Recommended storage temperature. 10 - 35 °C. Keep container tightly closed and dry. Protect from moisture.
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits
Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>European Union</th>
<th>Ireland</th>
<th>United Kingdom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td>TWA: 200 ppm</td>
<td>TWA: 200 ppm</td>
<td>TWA: 200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 260 mg/m³</td>
<td>STEL: 600 ppm</td>
<td>TWA: 266 mg/m³</td>
</tr>
<tr>
<td></td>
<td>*</td>
<td>STEL: 780 mg/m³</td>
<td>STEL: 333 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sin*</td>
<td>Sin*</td>
</tr>
</tbody>
</table>

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection
Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

Hand Protection
Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Neoprene™, Nitrile rubber, Butyl rubber. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Skin and Body Protection
Wear suitable protective clothing.

Respiratory Protection
Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Wear a respirator conforming to EN 140 with Type A/P2 filter or better.

Recommended filter type: Brown. White.

Environmental Exposure Controls
Do not allow uncontrolled discharge of product into the environment.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid Paste</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Brown</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

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Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Product cures with moisture.

10.2. Chemical stability

Stable under normal conditions.

<table>
<thead>
<tr>
<th>Explosion Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity to Mechanical Impact</td>
</tr>
<tr>
<td>Sensitivity to Static Discharge</td>
</tr>
</tbody>
</table>

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None known.

10.4. Conditions to avoid

Protect from moisture.

10.5. Incompatible materials

Water.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

- **Inhalation**
  Based on available data, the classification criteria are not met.

- **Eye contact**
  Based on available data, the classification criteria are not met.

- **Skin Contact**
  Based on available data, the classification criteria are not met.

- **Ingestion**
  Based on available data, the classification criteria are not met.

- **Sensitisation**
  Based on available data, the classification criteria are not met.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- **Skin Corrosion/Irritation**
  Based on available data, the classification criteria are not met.

- **Serious eye damage/eye irritation**
  Based on available data, the classification criteria are not met.

- **Sensitisation**
  Based on available data, the classification criteria are not met.

- **Germ Cell Mutagenicity**
  Based on available data, the classification criteria are not met.

- **Carcinogenicity**
  Based on available data, the classification criteria are not met.

- **Reproductive Toxicity**
  Based on available data, the classification criteria are not met.

- **STOT - single exposure**
  Based on available data, the classification criteria are not met.

- **STOT - repeated exposure**
  Based on available data, the classification criteria are not met.

- **Aspiration hazard**
  Based on available data, the classification criteria are not met.

Numerical measures of toxicity

- **Acute Toxicity**
  The following values are calculated based on chapter 3.1 of the GHS document
  
  - **ATEmix (dermal)**
    12,276.00 mg/kg
  
  - **ATEmix (inhalation-vapour)**
    735.00 mg/l

Component Information

Toxicity Data

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50 (mg/kg) (Rat)</th>
<th>Dermal LD50</th>
<th>Inhalation LD50 (µL/kg) (Rabbit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silane, ethenyltrimethoxy-2768-02-7</td>
<td>LD 50 = 7120 -7236</td>
<td>= 3360 µL/kg (Rat)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-2768-02-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate-52829-07-9</td>
<td>LD50 (rat) &gt; 2000 mg/kg</td>
<td>LD50 (rat) &gt; 3170 mg/kg</td>
<td>= 500 mg/m² (Rat) 4 h</td>
</tr>
<tr>
<td></td>
<td>OECD 423</td>
<td>OECD 402</td>
<td></td>
</tr>
</tbody>
</table>

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

**Ecotoxicity**

Classification is shown in section 2 of this SDS
Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
<th>M-Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silane, ethenyltrimethoxy-2768-02-7</td>
<td>EC 50 (72h) = 957 mg/l (Desmodesmus subspicatus) EU Method C.3</td>
<td>L50 (96h) = 191 mg/l (Oncorhynchus mykiss)</td>
<td>EC50(48hr) 162.7 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td>Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate 52829-07-9</td>
<td>EC50 72Hr 0.705 mg/l (Pseudokirchnerella subcapitata)</td>
<td>LC50 (96h) = 5.29 mg/l (Oryzias latipes)</td>
<td>LC50 48Hr 8.58 mg/l (Daphnia magna)</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Partition coefficient

No information available

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products
Dispose of in accordance with federal, state and local regulations. Uncured product should be disposed of as hazardous waste.

Contaminated Packaging
Handle contaminated packages in the same way as the product itself.

European Waste Catalogue
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Other Information
Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION

Land transport (ADR/RID)

14.1 UN Number
Not regulated
14.2 Proper Shipping Name
Not regulated
14.3 Transport hazard class(es)
Not regulated
14.4 Packing Group
Not regulated
14.5 Environmental hazards
Not applicable
14.6 Special Provisions
None

IMDG

14.1 UN Number
Not regulated
14.2 Proper Shipping Name
Not regulated
14.3 Transport hazard class(es)
Not regulated
14.4 Packing Group
Not regulated
14.5 Marine Pollutant
Np
14.6 Special Provisions
None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Air transport (ICAO-TI / IATA-DGR)
14.1 UN Number
Not regulated
14.2 Proper Shipping Name
Not regulated
14.3 Transport hazard class(es)
Not regulated
14.4 Packing Group
Not regulated
14.5 Environmental hazards
Not applicable
14.6 Special Provisions
None

Section 15: REGULATORY INFORMATION

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

European Union


EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Restricted substance per REACH Annex XVII</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dioctyltin oxide</td>
<td>870-08-6</td>
<td></td>
</tr>
</tbody>
</table>

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization
This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

Persistent Organic Pollutants
Not applicable

15.2 Chemical safety assessment
No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3
H332 - Harmful if inhaled
H226 - Flammable liquid and vapour
H373 - May cause damage to organs through prolonged or repeated exposure
H318 - Causes serious eye damage
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

Legend
SVHC: Substances of Very High Concern for Authorisation:

Key literature references and sources for data
Classification and labeling data calculated from data received from raw material suppliers

Prepared By
Product Safety & Regulatory Affairs

Revision Date
04-Sep-2018

Indication of changes
Revision Note
Not applicable.

Training Advice
When working with hazardous materials, regular training of operators is required by law

Further information
No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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