

EVO-STIK RESIN 168 ADHESIVE
Supersedes Date: 31-Aug-2018

Revision Date 03-Oct-2018
Revision Number 1.02

This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006

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

1.1. Product Identifier

Product Name EVO-STIK RESIN 168 ADHESIVE
Pure substance/mixture Mixture

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

Recommended use Adhesives and/or sealants.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Limited
Common Rd
ST16 3EH
Stafford UK
Tel: +44 (1785) 27 26 25
Fax: +44 (1785) 25 72 36

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

1.4. Emergency telephone number

| | |
|-----------------------|---|
| United Kingdom | +44 (1785) 272650 |
| Ireland | +353 (1) 8624900 (Monday- Friday 9am-5pm) |

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

Precautionary statements

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children

2.3. Other Hazards

General Hazards

United Kingdom, Ireland - BE

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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

Within the present knowledge of the supplier, this product does not contain any ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Remove to fresh air. |
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Eye contact | Rinse thoroughly with plenty of water, also under the eyelids. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

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 Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

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Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

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

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Specific Use(s)

Adhesives and/or sealants.

Other Information

Observe technical data sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Chemical Name | European Union | Ireland | United Kingdom |
|------------------------------|----------------|---|----------------|
| Calcium sulfate 7778-18-9 | - | TWA: 10 mg/m ³ STEL: 30 mg/m ³ | - |

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

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8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Tight sealing safety goggles.
Skin and Body Protection Suitable protective clothing.

Environmental Exposure Controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|------------------------|--------------------------|
| Physical State | Liquid |
| Appearance | Liquid |
| Colour | White |
| Odour | Characteristic |
| Odour Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|--------------------------|-------------------------|
| pH | No information available | |
| Melting point / freezing point | No information available | |
| Boiling point / boiling range | No information available | |
| Flash Point | No information available | |
| Evaporation Rate | No information available | |
| Flammability (solid, gas) | No information available | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | No information available | |
| Lower flammability or explosive limits | No information available | |
| Vapour Pressure | No information available | |
| Vapour Density | No information available | |
| Relative Density | No information available | |
| Water Solubility | No information available | |
| Solubility in Other Solvents | No information available | |
| Partition coefficient | No information available | |
| Autoignition Temperature | No information available | |
| Decomposition Temperature | No information available | |
| Explosive Properties | No information available | |
| Oxidising Properties | No information available | |
| Kinematic Viscosity | > 50 mm ² /s | @ 40°C None known |
| Dynamic Viscosity | No information available | |

9.2. Other information

| | |
|--|--------------------------|
| Softening Point | No information available |
| Molecular Weight | No information available |
| Solvent content (%) | No information available |
| Solid content (%) | No information available |
| Density | 1.17 |
| Bulk Density | No data available |
| VOC (volatile organic compound) | No information available |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

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Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

No information available.

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

No information or data specific to the product on this toxicological (health) effect is available.

| | |
|----------------------|---|
| 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 | No data available. |

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

Skin corrosion/irritation Not applicable.

Serious eye damage/eye irritation Not applicable.

Sensitisation Not applicable.

Germ Cell Mutagenicity Not applicable.

Carcinogenicity Not applicable.

Reproductive Toxicity No information available.

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.

Target Organ Effects Eyes, Respiratory system, Skin.

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

Numerical measures of toxicity

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Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 97,278.00 mg/kg

Component Information

Toxicity Data No information available

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity No information available

Component Information

Data obtained on the component(s) include

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 wastes in an approved waste disposal facility.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

Land transport (ADR/RID)

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| | |
|---------------------------------|----------------|
| 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

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

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 $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

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

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No

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Chemical Safety Assessment has been carried out for this mixture

Section 16: OTHER INFORMATION

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

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend SECTION 8: Exposure controls/personal protection

| | | | |
|------------|--|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |
| PBT | Persistent, Bioaccumulative, and Toxic (PBT) Chemicals | | |
| STOT (RE): | Specific target organ toxicity - Repeated exposure | | |
| STOT (SE): | Specific target organ toxicity - Single exposure | | |
| EWC: | European Waste Catalogue | | |

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 03-Oct-2018

Indication of changes

Revision Note Not applicable.

Training Advice No information available

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