

SAFETY DATA SHEET
according to Regulation (EU) 2015/830

BONDSEAL 5045

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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: AA – BONDSEAL 5045
Product Code: AA – BONDSEAL 5045

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

Use of substance / mixture Seam sealant

1.3. Details of the supplier of the safety data sheet

Company name Advanced Adhesives Ltd
Plummer Street
Newcastle upon Tyne
NE4 7AB
United Kingdom
Tel +44 (0) 191 272 2982
Fax +44 (0) 191 272 1747
Email technical@advancedadhesives.co.uk

1.4. Emergency telephone number

Manufacturer Advanced Adhesives Ltd
Plummer Street
Newcastle upon Tyne
NE4 7AB
United Kingdom
Tel +44 (0) 191 272 2982
Fax +44 (0) 191 272 1747
Email technical@advancedadhesives.co.uk

Office Hours only: Mon-Thur 9am-5pm Fri 9am-4pm Closed weekends

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008 (CLP)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

Hazard statements Not applicable
Precautionary Statements-Prevention Not applicable
Precautionary Statements-Response Not applicable

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Section 3: Composition/information on ingredients

3.2. Mixtures

trimethoxyvinylsilane	
Registration number (REACH)	01-2119513215-52-XXXX
Index	---
EINECS, ELINCS, NLP	220-449-8
CAS	2768-02-7
%Weight	<2
Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 3, H226 Acute Tox. 4, H332

3-(trimethoxysilyl)propylamine	
Registration number (REACH)	01-2119510159-45-XXXX
Index	---
EINECS, ELINCS, NLP	237-511-5
CAS	13822-56-5
%Weight	<3
Classification according to Regulation (EC) 1272/2008 (CLP)	Skin Irrit. 2, H315 Eye Dam. 1, H318

(3-(2,3-Epoxypropoxy) propyl) trimethoxy silane	
Registration number (REACH)	01-2119513212-58-XXXX
Index	---
EINECS, ELINCS, NLP	219-784-2
CAS	2530-83-8
%Weight	≤
Classification according to Regulation (EC) 1272/2008 (CLP)	Eye Dam. 1, H318

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1/3.2 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact	Wipe off residual product carefully with a soft, dry cloth. Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.
Eye contact	Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.
Ingestion	Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately. Upon contact with stomach acid development of: Methanol
Inhalation	Supply person with fresh air and consult doctor according to symptoms.

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

No further data available

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

Further toxicology information is available in SECTION 11.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media Water mist, dry powder, alcohol-resistant foam, carbon dioxide or sand.

Unsuitable extinguishing media Water spray or water jet.

5.2. Special hazards arising from the substance or mixture

Nitrous Gases

5.3. Advice for fire-fighters

In case of fire and/or explosion do not breathe fumes.
Protective respirator with independent air supply.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective equipment (see SECTION 8).
Keep unprotected persons away. Avoid contact with skin and eyes. Avoid inhaling mists and vapours.

6.2. Environmental precautions

Environmental precautions Prevent material from entering surface waters, drains or sewers and soil.
Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers.
Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

6.4. Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Product can evolve methanol. Flammable vapours may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

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7.2. Conditions for safe storage, including any incompatibilities

Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.

7.3. Specific end use(s)

Specific end use(s) Cartridge applied sealant and adhesive.

Section 8: Exposure controls/personal protection

8.1. Control parameters

The methanol listed below can arise upon contact with water.

8.2. Exposure controls

8.2.1 Appropriate engineering controls

Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating.

8.2.2 Individual protection measures, such as personal protective equipment

8.2.2.1 Eye face protection

Protective goggles

8.2.2.2 Skin protection

After handling; make sure the skin is cleaned and protected.

8.2.2.3 Respiratory protection

In case of strong exposure: gas mask filter AX

8.2.2.4 Thermal Hazards

Not applicable

8.2.3 Environmental exposure controls

Prevent material from entering surface waters or soil.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Odour:	Characteristic, low
Odour threshold:	Not determined
pH-value:	n.a.
Melting point/freezing point:	Not determined

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Initial boiling point and boiling range:	Not determined
Flash point	>200°C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Relative Density:	1.65g/ml (water)
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity	3200000 mPas@ 23°C
Explosive properties:	Product is not explosive.
Oxidising properties:	No

9.2. Other information

No further data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2. Chemical stability

Chemical stability If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.3. Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.4. Conditions to avoid

Moisture

10.5. Incompatible materials

Reacts with water to produce methanol.

10.6. Hazardous decomposition products

No further data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Not classified. The product does not contain ingredients classified as toxic above the classification thresholds.

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Irritation	Not classified. The product does not contain ingredients classified as irritant above the classification thresholds.
Corrosivity	Not classified. The product does not contain ingredients classified as corrosive above the classification thresholds.
Sensitisation	Not classified. The product does not contain ingredients classified as sensitising above the classification thresholds.
Repeated dose toxicity	Not classified. The product does not contain ingredients classified as toxic above the classification thresholds.
Carcinogenicity	Not classified. The product does not contain ingredients classified as carcinogenic above the classification thresholds.
Mutagenicity	Not classified. The product does not contain ingredients classified as mutagenic above the classification thresholds.
Toxicity of reproduction	Not classified. The product does not contain ingredients classified as repro. toxic above the classification thresholds.
Further toxicological information	No further data available.

Section 12: Ecological information

12.1. Toxicity

No damaging effects to aquatic organisms are expected.

12.2. Persistence and degradability

Biologically not biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Non known

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Section 13: Disposal considerations

13.1. Waste treatment methods

Observe local regulations.

13.1.1. Product / packaging disposal

Dispose of in accordance with local regulations. Do not empty product into drains. According to the European catalogue, waste codes are not product specific, but application specific. The user should assign waste codes, preferably in discussion with the waste disposal authorities.

Section 14: Transport information

Not regulated.

Section 15: Regulatory information

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

The product has been assessed in accordance with CLP.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

Section 16: Other information

Relevant R-phrases and/or H-statements

H332	Harmful if inhaled.
H226	Flammable liquid and vapour.
H318	Causes serious eye damage.
H315	Causes skin irritation.

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.