



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Batplast 280g part A

sds no. : 270093
V002.0

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

Trade name:

Batplast 280g part A

Intended use:

Sealant

Company name:

Henkel Limited
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

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E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44 (0)1442 278497

2. Hazards identification

R36/38 Irritating to eyes and skin.
R20 Harmful by inhalation.
R10 Flammable.

3. Composition / information on ingredients

General chemical description:

Sealant

Declaration of ingredients according to (EC) No 1907/2006:

| Hazardous components CAS-No. | EINECS ELINCS | content | Classification |
|---------------------------------|------------------|-------------|---|
| Styrene 100-42-5 | 202-851-5 | 40 - 45 % | R10 Xn - Harmful; R20 Xi - Irritant; R36/38 |
| Phthalic anhydride 85-44-9 | 201-607-5 | 0,1 - 0,2 % | Xi - Irritant; R37/38, R41 Xn - Harmful; R22 R42/43 |

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Immediately wash skin thoroughly with soap and water.
Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

Carbon dioxide, foam, powder

Special protection equipment for firefighters:

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Hazardous combustion products:

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Additional information:

Do not inhale vapors and fumes.

6. Accidental release measures

Personal precautions:

Remove sources of ignition.
Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

For large spills absorb onto inert absorbent material and place in sealed container for disposal.
For small spills wipe up with paper towel and place in container for disposal.
Wash spillage site thoroughly with soap and water or detergent solution.

7. Handling and storage

Handling:

Do not inhale vapors and fumes.
Avoid skin and eye contact.
Keep away from sources of ignition - no smoking.
Use only in well-ventilated areas.
Avoid open flames and sources of ignition.
No smoking.

Storage:

Keep away from sources of ignition.
Store in a cool, well-ventilated place.

8. Exposure controls / personal protection**Components with specific control parameters for workplace:**

Valid for

Great Britain

Basis

UK EH40 WELs

| Ingredient | ppm | mg/m ³ | Type | Category | Remarks |
|-------------------------------|-----|-------------------|--------------------------------------|----------|----------|
| STYRENE 100-42-5 | 250 | 1.080 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| STYRENE 100-42-5 | 100 | 430 | Time Weighted Average (TWA). | | EH40 WEL |
| PHTHALIC ANHYDRIDE 85-44-9 | | 12 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| PHTHALIC ANHYDRIDE 85-44-9 | | 4 | Time Weighted Average (TWA). | | EH40 WEL |

Respiratory protection:

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (IIR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (IIR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Avoid eye contact.

Wear protective glasses.

General protection and hygiene measures:

Good industrial hygiene practices should be observed.

9. Physical and chemical properties**General characteristics:**

Appearance

viscous, Liquid

Pale, yellow

Odor:

Characteristic

Phys./chem. properties:

Boiling point

> 145,0 °C (> 293 °F)

Flash point

31,0 °C (87.8 °F)

Density

1,0200 - 1,2000 g/cm³

()

Auto ignition temperature

490,0 °C (914 °F)

Explosion limit

lower [vol%]

1,1 % (V)

upper [vol%]

6,1 % (V)

10. Stability and reactivity

Conditions to avoid:

Heat, flames, sparks and other sources of ignition.

Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately.

11. Toxicological information

Oral toxicity:

May cause irritation to the digestive tract.

Inhalative toxicity:

Harmful by inhalation.

May cause headache and dizziness.

Skin irritation:

Irritating to the skin.

Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

Eye irritation:

Primary eye irritation: irritating

12. Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

13. Disposal considerations

Product disposal:

Incineration under controlled conditions is recommended.

Waste code(EWC):

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information

Road transport ADR:

| | |
|-----------------------|--|
| Class: | 3 |
| Packaging group: | III |
| Classification code: | F1 |
| Hazard ident. number: | 39 |
| UN no.: | 2055 |
| Label: | 3 |
| Technical name: | STYRENE MONOMER, STABILIZED (solution) |
| Tunnelcode: | (D/E) |

Railroad transport RID:

Class: 3
Packaging group: III
Classification code: F1
Hazard ident. number: 39
UN no.: 2055
Label: 3
Technical name: STYRENE MONOMER, STABILIZED (solution)
Tunnelcode:

Inland water transport ADN:

Class: 3
Packaging group: III
Classification code: F1
Hazard ident. number:
UN no.: 2055
Label: 3
Technical name: STYRENE MONOMER, STABILIZED (solution)

Marine transport IMDG:

Class: 3
Packaging group: III
UN no.: 2055
Label: 3
EmS: F-E ,S-D
Seawater pollutant: -
Proper shipping name: STYRENE MONOMER, STABILIZED (solution)

Air transport IATA:

Class: 3
Packaging group: III
Packaging instructions (passenger) 309
Packaging instructions (cargo) 310
UN no.: 2055
Label: 3
Proper shipping name: Styrene monomer, stabilized (solution)

15. Regulations - classification and identification

Indication of danger:

Xn - Harmful



Contains

Styrene

Risk phrases:

- R10 Flammable.
- R20 Harmful by inhalation.
- R36/38 Irritating to eyes and skin.

Safety phrases:

- S2 Keep out of the reach of children.
- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 After contact with skin, wash immediately with plenty of water and soap.

Contains Phthalic anhydride. May produce an allergic reaction.

National regulations/information (Germany):

WGK: 2, water-endangering product.

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R10 Flammable.
- R20 Harmful by inhalation.
- R22 Harmful if swallowed.
- R36/38 Irritating to eyes and skin.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R42/43 May cause sensitization by inhalation and skin contact.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.