

Technical Insulation

Passive Fire Protection

Great Britain & Ireland

K-Stop® High Temperature Adhesive

Safety Data Sheet

Although the REACH Regulation does not require a Safety Data Sheet (SDS) to be provided for this product because it is not classified as hazardous, this SDS has been prepared to reflect the requirements as set out in Annex II of Regulation (EU) 2020 / 878, amending REACH Regulation (EC) No. 1907 / 2006.

1 Identification of the Substance / Mixture and Company

1.1 Product Identifier

Kingspan K-Stop® High Temperature Adhesive.

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

PCI: Adhesives, sealants.

1.3 Details of the Supplier of the Safety Data Sheet

Company Name: Kingspan Technical Insulation Ltd

Company Address: Harvey Road, Burnt Mills Industrial Estate, Basildon, SS13 1QJ, UK.

Tel: +44 (0) 1457 890400

Email: sales.pfp@kingspan.com

1.4 Emergency Telephone Number

Telephone: +44 (0) 1524 388 898

2 Hazards Identification

2.1 Classification of the Substance or Mixture

Classification under CLP: Eye Irrit. 2: H319. Skin Irrit. 2: H315.

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2 Label Elements

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark.



Signal words:

Precautionary statements:

Warning.

P264: Wash hands, forearms and face thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: If on skin: Wash with plenty of water.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see supplemental first aid instruction on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3 Other Hazards

This product is not identified as a PBT/vPvB substance.

3 Composition

3.1 Substance Information

Not applicable.

3.2 Mixtures

Substance	Chemical Abstracts Service number	EC identification number	REACH registration number	Classification, Labelling and Packaging Regulation (EC) No. 1272 / 2008	Content (% weight)
Sodium silicate solution	1344-09-8	215-687-4		Skin Irrit 2; H315 Eye Irrit 2; H319	10-30

Note: For full list of hazard statements see section 16.



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4 First Aid Measures

4.1 Description of First Aid Measures

General: In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Skin: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation persists seek medical advice.

Eye: Contact lenses should be removed. Bathe the eye with running water for 15 minutes, and seek medical advice.

Ingestion: If accidentally swallowed wash out mouth with water and obtain immediate medical attention.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Skin: There may be irritation and redness at the site of contact.

Eye: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Eye bathing equipment should be available on the premises.

5 Fire-Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media for the surrounding fire should be used.

5.2 Special Hazards Arising from the Substance or Mixture

In combustion emits toxic fumes.

5.3 Advice for Fire-Fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

6.2 Environmental Precautions

Do not allow to enter drains or water courses. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes, contact the relevant Environment Agency.

6.3 Methods and Material for Containment and Cleaning Up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7 Handling and Storage

7.1 Precautions for Safe Handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Do not handle in a confined space. Avoid the formation or spread of dust in the air.

7.2 Conditions for Safe Storage, Including any Incompatibilities

- Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific End Uses

See section 1.

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8 Exposure Controls / Personal Protection

8.1 Control Parameters

Workplace exposure limits: No data available.

DNEL / PNEC: No data available.

8.2 Exposure Controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory equipment:	Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
Skin & hand protection:	Wear suitable protective clothing and plastic or rubber gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Environmental:	No special requirement.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

State:	Paste.
Colour:	Beige.
Odour:	Barely perceptible odour.
Evaporation rate:	Negligible.
Oxidising:	No data available.
Solubility in water:	Soluble.
Viscosity:	Viscous.
Boiling point / range °C:	100.
Melting point / range °C:	Not applicable.
Flammability limits %: lower:	Not applicable.
Flammability limits %: upper:	Not applicable.
Flash point °C:	Not applicable.
Part.coeff. n-octanol / water:	Not applicable.
Autoflammability °C:	Not applicable.
Vapour pressure:	Not applicable.
pH:	11.0.
VOC g/l:	Not applicable.

9.2 Other Information

No further chemical or physical properties to report.

10 Stability and Reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical Stability

Stable under normal temperature and storage conditions.

10.3 Possibility of Hazardous Reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed in section 10.

10.4 Conditions to Avoid

Heat.

10.5 Incompatible Materials

Strong oxidising agents. Strong acids.

10.6 Hazardous Decomposition Products

In combustion emits toxic fumes.

11 Toxicological Information

11.1 Information on Toxicological Effects

Hazard	Route	Basis
Skin corrosion / irritation	DRM	Hazardous: calculated
Serious eye damage / irritation	OPT	Hazardous: calculated
Ingestion:		There may be soreness and redness of the mouth and throat.
Skin:		There may be irritation and redness at the site of contact.
Eye		There may be irritation and redness. The eyes may water profusely.
Inhalation:		There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed / immediate effects:		Immediate effects can be expected after short-term exposure.

11.2 Information on Other Hazards

No additional information is available.

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12 Ecological Information

12.1 Ecotoxicity

No data available.

12.2 Persistence and Degradability

Biodegradeable.

12.3 Bio-accumulative Potential

The product is not bio-accumulating.

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB assessment

Not classified as PBT / vPvB.

12.6 Endocrine Disrupting Properties

No data available.

12.7 Other Adverse Effects

Negligible ecotoxicity.

13 Disposal Considerations

13.1 Waste Treatment Methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 Transport Information

This product is not covered by International regulation on the transport of dangerous goods.

14.1 UN Number

UN3262.

14.2 UN Proper shipping Name

Adhesive based on Sodium Silicate.

14.3 Transport Hazard Classes

8.

14.4 Packing Group

I.

14.5 Environmental Hazards

No.

14.6 Special Precautions for User

Special precautions: No special precautions.

Tunnel code: E.

Transport category: 1.

14.7 Transport in Bulk According to Annex II of MARPOL73 / 78 and the IBC Code

Not applicable.

15 Regulatory Information

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture

Not applicable.

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16 Other Information

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

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