

SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

MIRROR ADHESIVE

Version No. 4

Revision Date: 04/01/2016

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier.	Product Name: Mirror Adhesive.	
1.2. Relevant identified uses of the substance or mixture and uses advised against.	Identified uses: Cartridge applied adhesive for fixing mirrors. Uses advised against: Any other uses other than the advised purpose.	
1.3. Details of the supplier of the datasheet.	Hodgson Sealants (Holdings) Limited Belprin Road Beverley East Yorkshire HU17 0LN	Tel: + 44 (0)1482 868321 Fax: + 44 (0)1482 679337 E-mail: SDS@hodgsonsealants.com
1.4. Emergency Phone Number (UK Office Hours Only: 9am to 5pm)	Tel: + 44 (0)1482 868321 E-mail: SDS@hodgsonsealants.com	

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture. <u>2.1.1. Classification according to regulation (EC) No 1272/2008 [CLP].</u>	This mixture does not meet the criteria for classification in accordance with regulation (EC) No 1272/2008 [CLP].
2.2. Label elements. <u>2.2.1. Classification according to regulation (EC) No 1272/2008 [CLP].</u>	This mixture does not meet the criteria for classification in accordance with regulation (EC) No 1272/2008 [CLP]. Signal word; Not applicable Hazard statements; Not applicable Precautionary Statements – Prevention; Not applicable Precautionary Statements – Response; Not applicable Additional Labelling; Safety data sheet available upon request. Contains; Methyltrimethoxysilane. May produce an allergic reaction.

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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Description of mixture: Blend of silicone polymer, fillers, adhesion promoters and ancillaries.

Hazardous ingredients:

Name	CAS No.	EC No.	REACH Registration No.	% (weight)	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1278/2008 (CLP).
-	-	-	-	-	-	-

Additional information: For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation:

Following skin contact:

Following eye contact:

Following ingestion:

Remove to fresh air. Get medical attention if any discomfort continues.
Wipe off with soap and water. Seek medical advice if irritation persists.
Flush with water. Seek medical attention if irritation persists. Get medical attention if any discomfort continues.
If swallowed, do not induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

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

May produce an allergic reaction.

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

In case of accident or if patient feels unwell, seek medical advice immediately.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media;

Unsuitable extinguishing media;

Water spray. Alcohol resistant foam. Dry chemical. CO2

None known

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products;

Carbon oxides, metal oxides, silicon oxides, formaldehyde.

5.3. Advice for firefighters;

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Move undamaged containers from fire area if this can be done safely. Keep fire exposed containers cool by spraying with water. Do not allow product or run-off to enter drains, sewers or watercourses

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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

6.1.1. For non-emergency personnel.

Protective equipment:

Wear proper protective equipment.

Emergency procedures:

Wear proper protective equipment.

6.2. Environmental precautions:

Prevent material from entering surface waters, drains and soil.

6.3. Methods and material for containment and cleaning up.

6.3.1. For containment:

Scrape up and place in a container fitted with a lid. Dispose of in accordance with local regulations.

6.3.2. For cleaning up:

Scrape up and place in a container fitted with a lid. Dispose of in accordance with local regulations.

6.3.3. Other information:

No further data available.

6.4. Reference to other sections

See SECTION 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Measures to prevent fire:

Special precautions are not normally necessary.

Measures to prevent aerosol and dust generation:

Not necessary.

Measures to protect the environment:

Prevent material from entering surface waters, drains and soil.

7.2. Conditions for safe storage, including any incompatibilities.

Keep container closed and store in cool dry conditions away from moisture.

7.3. Specific end use(s).

Cartridge applied adhesive for fixing mirrors.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Maximum airborne concentrations at the workplace:

Name	CAS No.	Type	Mg/m ³	ppm
-	-	-	-	-

Derived No-Effect Level (DNEL); This product does not contain any substances with any identified hazard or DNEL value.

Route of exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effects local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	-	-	-	-	-	-	-	-
Inhalation	-	-	-	-	-	-	-	-
Dermal	-	-	-	-	-	-	-	-

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Predicted No Effect Concentration (PNEC); This product does not contain any substances with any identified hazard or PNEC value.

Environmental protection target	PNEC Value
Fresh water	-
Freshwater sediments	-
Marine water	-
Marine sediments	-
Food chain	-
Microorganisms	-
Soil (agricultural)	-
Air	-

8.2. Exposure control

8.2.1. Appropriate engineering controls:

8.2.2. Personal protection equipment:

8.2.2.1. Eye face protection:

8.2.2.2. Skin protection:

8.2.2.3. Respiratory protection:

8.2.2.4. Thermal hazards:

8.2.3. Environmental exposure controls:

Ensure adequate ventilation, especially in confined areas.

Protective equipment is not normally necessary. Gloves should be worn where repeated or prolonged contact can occur.

Not normally needed. Wear safety glasses if contact with the eyes is likely.

Protective equipment is not normally necessary. Gloves should be worn where repeated or prolonged contact can occur.

Not normally necessary, provide ventilation.

None known.

Refer to SECTION 6 & 12.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

- a) **Appearance:** Stiff paste.
- b) **Odour:** Low / alcohol.
- c) **Odour Threshold:** No data available.
- d) **pH:** 6-8.
- e) **Melting point / freezing point:** No data available.
- f) **Initial boiling point and boiling range:** No data available.
- g) **Flash point:** >100°C.
- h) **Evaporation rate:** No data available.
- i) **Flammability (solid, gas):** No data available.
- j) **Upper / lower flammability or explosive limits:** No data available.

- k) **Vapour pressure:** No data available.
- l) **Vapour density:** No data available.
- m) **Relative Density:** 1.38 – 1.42g/ml @ 20°C. (water = 1).
- n) **Solubility (ies):** 0g/l @ 25°C (water).
- o) **Partition coefficient: n-octanol / water:** No data available.
- p) **Auto-ignition temperature:** No data available.
- q) **Decomposition temperature:** No data available.
- r) **Viscosity:** No data available.
- s) **Explosive properties:** No data available.
- t) **Oxidising properties:** No data available.

9.2 Other Information:

No data available.

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SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
10.2 Chemical stability	Stable at room temperature.
10.3 Possibility of Hazardous Reactions	No hazardous reactions expected during intended use.
10.4 Conditions to Avoid	Heat sources and direct sunlight.
10.5 Incompatible Materials	Oxidizing agents.
10.6 Hazardous decomposition products	During combustion carbon, metal and silicon oxides and formaldehyde will be generated.

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
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 for 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:	Not classified. The product does not contain ingredients classified as toxic above the classification thresholds.
12.2. Persistence and degradability:	No data available.
12.3. Bioaccumulative potential:	No data available.
12.4. Mobility in soil:	No data available.
12.5. Results of PBT and vPvB testing:	Not applicable.
12.6. Other adverse effects:	No data available.

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12.7. Additional information:	No additional data available.			
SECTION 13. DISPOSAL CONSIDERATIONS				
13.1. Waste treatment methods:	Dispose of in accordance with local regulations. Do not empty product into drains.			
13.1.1. Product / packaging disposal: Waste codes / waste designations according to LoW:	According to the European catalogue, waste codes are not product specific. The user should assign waste codes, preferably in discussion with waste disposal authorities.			
13.1.2. Waste treatment-relevant information:	No data available.			
13.1.3. Sewage disposal-relevant information:	No data available.			
13.1.4. Other disposal recommendations:	No further data available.			
SECTION 14. TRANSPORT INFORMATION				
	Road ADR	Railway RID	Sea - IMDG Code	Air – ICAO-TI/IATA-DGR
14.1. UN Number	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing Group	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	Not applicable	Not applicable	Not applicable	Not applicable
14.6. Special precautions for user	Not applicable	Not applicable	Not applicable	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code”	Not applicable	Not applicable	Not applicable	Not applicable
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.			

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SECTION 16. OTHER INFORMATION

Indication of changes:

Section changed from previous version: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 & 16.

Abbreviations / Acronyms used:

CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS# - Chemical Abstracts Service number.

PBT - Persistent, Bioaccumulative and Toxic substance.

VPvB - Very Persistent and Very Bioaccumulative.

UN - United Nations.

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

Relevant R-phrases and/or H-statements (number and full text):

According to Regulation (EC) No 1278/2008 (CLP/ GHS);

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This Product Safety Data Sheet was prepared in compliance with article 31 and Annex II of the EU REACH regulation as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Hodgson literature. It is the responsibility of the persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose of or in any way come in to contact with the product. If the recipient subsequently produces a formulation containing the Hodgson product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Hodgson Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH regulation.

All information and instructions provided in the Product Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on the present Product Safety Data Sheet. Hodgson shall not be held responsible for any defect in the product covered by this Product Safety Data Sheet, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.