

ADHESIVE

MATERIAL SAFETY DATA SHEET (MSDS)

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

1.1 Product Identifier

Product Name Hydroswell Adhesive

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

Sector of use	SU3	Industrial uses: Uses of substances as such or in preparations at industrial sites
	SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product Category	PC1	Adhesives, sealants
Process Category	PROC10	Roller application or brushing
Environmental release category	ERC5	Industrial use resulting in inclusion into or onto a matrix
	ER8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix
	ER8f	Wide dispersive outdoor use resulting in inclusion into or onto a matrix
Application of the Substance	Adhesive and sealant	

1.3 Details of the supplier of the safety data sheet

Company identification SMR Projects Ltd. SMR House, Beaumont Close, Banbury OX16 1TG
Telephone 01295 279747
Web address www.smrhydroswell.co.uk

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

EC No 1272/2008 The product is not classified according to the CLP regulation

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008 Void
Hazard pictogram Void
Signal word Void
Hazard statements Void

2.3 Other hazards

PBT/vPvB assessment Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances Not Applicable

3.2 Chemical characterisation: mixtures

Description Adhesive based on MS-hybrid-polymer
Dangerous components None
Additional information For the wording of the listed risk phrases refer to section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General information No special measures required
After inhalation Supply fresh air; consult doctor in case of complaints.

- After skin contact** Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible).
- After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing** Drink plenty of water. Seek medical advice immediately and show the label or packaging.

4.2 Most important symptoms and effects – acute and delayed

No further relevant information available

4.3 Indication of immediate medical attention and special treatment needed

No further relevant information available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media are CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear self-contained respiratory protective device.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing and ensure adequate ventilation

6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water

6.3 Methods and material for containment and cleaning up

Pick up mechanically. Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

No dangerous substances are released

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe the general safety regulations when handling chemicals and apply general precautions to prevent fire hazard.

7.2 Conditions for safe storage

Store product in a cool, dry and well-ventilated area, only in tightly closed original container

7.3 Specific end use(s)

No further relevant information available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients requiring monitoring at the workplace The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

8.2 Exposure controls

General protective and hygienic measures The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working.

Respiratory protection Not necessary if room is well ventilated

Hand protection Glove material has to impermeable and resistant to the product. Nitrile rubber (NBR), natural rubber (NR) or polyvinyl alcohol (PVA) gloves are recommended.

Eye protection Goggles recommended during refilling

Body protection Light weight protective clothing recommended

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Pasty
Colour	Grey
Odour	Characteristic
Melting point/Melting range	Undetermined
Boiling point/Boiling range	Undetermined
Self-ignition	The product is not self-igniting
Flash point	Undetermined
Explosion danger	The product does not present an explosion hazard
Density at 20°C	1.4 g/cm ³
Solubility in/miscibility with water	Not miscible or difficult to mix
Solvent content	0.0% organic solvents
0.00% VOC (EC)	

9.2 Other information

No further relevant information available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

No decomposition if used according to specifications

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No further relevant information available

10.5 Incompatible materials

Avoid contact with other chemicals

10.6 Hazardous decomposition products

Possible in traces

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity-dermal	No irritant effect known
Acute toxicity-eyes	No irritant effect known

Further information When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Aquatic toxicity

No further relevant information available

12.2 Persistence and degradability

Not easily biodegradable

12.3 Bioaccumulative potential

No relevant information available

12.4 Mobility in soil

No further relevant information available

General information Water hazard class1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT Not applicable
vPvB Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13. DISPOSAL INFORMATION

13.1 Waste treatment methods

Product disposal Can be disposed of with domestic waste or incinerated with domestic waste

European waste catalogue:

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09
15 01 01 Paper and cardboard packaging
15 01 02 Plastic packaging

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

- ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

- ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

- ADR, ADN, IMDG, IATA Void
- Class

14.4 Packaging group

- ADR, IMDG, IATA Void

14.5 Environmental hazards

- marine pollutant No

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk acc. to Annex

II of MARPOL73/78 and the IBC code Not applicable

UN "Model Regulation"

SECTION 15. REGULATORY INFORMATION

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

No further relevant information available

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

SECTION 16. OTHER INFORMATION

This information is based on the present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.