

MATERIAL SAFETY DATA SHEET (MSDS)

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

1.1. Product identifier

Product Name Hydroswell PDS+

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

1.2.1 Relevant identified uses Sealing compound
1.2.2 Uses advised against No uses advised against known

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 Not classified as dangerous according to the criteria of 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

No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances Not applicable

3.2. Mixtures This mixture does not contain any notifiable substances

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General: If you feel unwell, seek medical advice.
After inhalation: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
After skin contact: Wash with water and soap. Take victim to a doctor if irritation persists.
After eye contact: Rinse with water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.
After ingestion: Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

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

Acute symptoms

After inhalation: No effects known.
After skin contact: No effects known.
After eye contact: Slight irritation.
After ingestion: No effects known.

Delayed symptoms No effects known.

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

If applicable and available it will be listed below.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Adapt extinguishing media to the environment.

Unsuitable extinguishing media: No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture

Upon combustion CO and CO₂ are formed (carbon monoxide - carbon dioxide).

5.3. Advice for firefighters 5.3.1 Instructions:

No specific fire-fighting instructions required.

Special protective equipment
for fire-fighters:

Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen
apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Protective equipment for non-emergency personnel

See heading 8.2

Protective equipment for emergency responders

Gloves. Protective clothing. Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Contain released product. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Cover spill with inert material, e.g.: sand, earth, vermiculite. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4. Reference to other sections

See heading 13.

SECTION 7: HANDLING AND STORAGE

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Safe storage requirements: Store in a dry area. Store at room temperature. Meet the legal requirements. Max. storage time: 1 year(s).

Keep away from: No data available.

Suitable packaging material: Synthetic material.

Non suitable packaging material: No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure

a) Occupational exposure

limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

Sampling methods	If applicable and available it will be listed below.
Applicable limit values when using the substance or mixture as intended	If limit values are applicable and available these will be listed below.
DNEL/PNEC values	If applicable and available it will be listed below.
Control banding	If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

Appropriate engineering controls

Individual protection measures, such as personal protective equipment	Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.
a) Respiratory protection:	Respiratory protection not required in normal conditions.
b) Hand protection:	Gloves.
c) Eye protection:	Safety glasses.
d) Skin protection:	Protective clothing.

Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Information on basic physical and chemical properties

Physical form	Paste
Odour	Characteristic odour
Odour threshold	No data available
Colour	Variable in colour, depending on the composition
Particle size	No data available
Explosion limits	No data available
Flammability	Non combustible
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	Not applicable
Evaporation rate	No data available
Relative vapour density	No data available
Vapour pressure	No data available
Solubility	No data available
Relative density	1.32 ; 20 °C
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

Other information

Absolute Density	1320/kgm2 ; 200C
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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	No data available.
10.5. Incompatible materials	No data available.

10.6. Hazardous decomposition products Upon combustion CO and CO2 are formed (carbon monoxide - carbon dioxide).

SECTION 11: TOXICOLOGICAL INFORMATION

Test results

Acute toxicity

No (test) data on the mixture available

Conclusion

Not classified for acute toxicity

Corrosion/irritation

No (test) data on the mixture available

Conclusion

Not classified as irritating to the skin
Not classified as irritating to the eyes
Not classified as irritating to the respiratory system

Respiratory or skin sensitization

No (test) data on the mixture available

Conclusion

Not classified as sensitizing for inhalation
Not classified as sensitizing for skin

Specific target organ toxicity

No (test) data on the mixture available

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

No (test) data on the mixture available

Mutagenicity (in vivo)

No (test) data on the mixture available

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

No (test) data on the mixture available

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

No (test) data on the mixture available

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

No (test) data on the mixture available

Chronic effects from short and long-term exposure

No effects known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No (test) data on the mixture available

Conclusion

Judgement of the mixture is based on the relevant ingredients
Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

Contains non readily biodegradable component(s)

12.3. Bioaccumulative potential

Log Kow

Method	Remark	Value	Tempreture	Value determination
	Not applicable (mixture)			

Conclusion

Contains bioaccumulative component(s)

12.4. Mobility in soil

Contains component(s) that adsorb(s) into the soil

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Other adverse effects

Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)
Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: DISPOSAL CONSIDERATIONS

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

Provisions relating to waste	Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014. Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC). 08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09).
Disposal methods	Remove waste in accordance with local and/or national regulations. Remove to an authorized waste treatment plant. Do not discharge into drains or the environment.
Packaging/Container	Waste material code packaging (Directive 2008/98/EC). 15 01 02 (plastic packaging).

SECTION 14: TRANSPORT INFORMATION

Road (ADR)

14.1. UN number	Transport	Not subject
14.2. UN proper shipping name		
14.3. Transport hazard class(es)	Hazard identification number Class Classification code	
14.4. Packing group	Packing group Labels	
14.5. Environmental hazards		
Environmentally hazardous substance mark		no
14.6. Special precautions for user	Special provisions Limited quantities	

Rail (RID)

14.1. UN number	Not subject	
14.2. UN proper shipping name		
14.3. Transport hazard class(es)	Hazard identification number Class Classification code	
14.4. Packing group	Packing group Labels	
14.5. Environmental hazards		
Environmentally hazardous substance mark		no
14.6. Special precautions for user		

SECTION 15: REGULATORY INFORMATION

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

European legislation:

VOC content Directive 2010/75/EU

VOC Content	Remark
0%	
0 g/l	

National legislation United Kingdom No data available

Other relevant data No data available

15.2. Chemical safety assessment

No chemical safety assessment is required.

SECTION 16: OTHER INFORMATION

(*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.