



Safety Data Sheet according to (EC) No 1907/2006

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Solvite Wall Size

sds no. : 213993
V001.3

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier:

Solvite Wall Size

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

Intended use:

Wallcovering adhesive, powder

Details of the supplier of the safety data sheet:

Henkel Limited

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Great Britain

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24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

SECTION 2: Hazards identification

Classification of the substance or mixture:

Classification (DPD):

Dangerous for the environment

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Label elements (DPD):

Risk phrases:

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Other hazards:

Avoid the formation and build-up of dust - danger of dust explosion.

SECTION 3: Composition/information on ingredients**General chemical description:**

Wallpaper paste

Base substances of preparation:

Carboxymethyl starch

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Poly (hexamethylene) diguanide HCl 27083-27-8		< 0,1 %	Acute toxicity 4; Oral H302 Skin irritation 2 H315 Serious eye damage 1 H318 Skin sensitizer 1 H317 Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410
2-Butyl-1,2-benzothiazol-3(2H)-one 4299-07-4		< 0,1 %	Chronic hazards to the aquatic environment 1 H410 Skin sensitizer 1 H317 Acute hazards to the aquatic environment 1 H400 Skin corrosion 1B H314

Only dangerous ingredients for which a CLP classification is already available are displayed in this table.

For full text of the H - statements and other abbreviations see section 16 "Other information".

Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to DPD (EC) No 1999/45:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Poly (hexamethylene) diguanide HCl 27083-27-8		< 0,1 %	Xn - Harmful; R22 Xi - Irritant; R38 Xi - Irritant; R41 Xi - Irritant; R43 N - Dangerous for the environment; R50/53
2-Butyl-1,2-benzothiazol-3(2H)-one 4299-07-4		< 0,1 %	R43 C - Corrosive; R34 N - Dangerous for the environment; R50/53

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.

SECTION 4: First aid measures**Description of first aid measures:**

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

Most important symptoms and effects, both acute and delayed:

No data available.

Indication of any immediate medical attention and special treatment needed:

See section: Description of first aid measures

SECTION 5: Firefighting measures

Extinguishing media:

Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special hazards arising from the substance or mixture:

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

Advice for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment.

Environmental precautions:

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

Methods and material for containment and cleaning up:

Remove mechanically.

Dispose of contaminated material as waste according to Chapter 13.

Reference to other sections:

See advice in chapter 8

SECTION 7: Handling and storage

Precautions for safe handling:

Avoid dust formation.

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Conditions for safe storage, including any incompatibilities:

Ensure good ventilation/extraction.

Keep container tightly sealed.

Store in a cool, dry place.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

Specific end use(s):

Wallcovering adhesive, powder

SECTION 8: Exposure controls/personal protection

Control parameters:

Valid for
Great Britain

Ingredient	ppm	mg/m ³	Type	Category	Remarks
DUST, INHALABLE DUST		10	Time Weighted Average (TWA):		EH40 WEL
DUST, RESPIRABLE DUST		4	Time Weighted Average (TWA):		EH40 WEL

Exposure controls:

Respiratory protection:

When processing large amounts.
Suitable breathing mask when there is inadequate ventilation.

Hand protection:

Recommended are gloves made from Nitril rubber (Material thickness >0,1 mm, Perforation time < 30s).Gloves should be replaced after each short time contact or contamination. Available at laboratory specialized trade or at pharmacies / chemist's shops.

Eye protection:

Goggles which can be tightly sealed.

Skin protection:

Suitable protective clothing

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties:

Appearance	flocs solid white
Odor	typical
pH	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density	No data available / Not applicable
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	soluble, swells
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

Other information:

No data available / Not applicable

SECTION 10: Stability and reactivity**Reactivity:**

None if used for intended purpose.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

See section reactivity

Conditions to avoid:

None if used for intended purpose.

Incompatible materials:

None if used properly.

Hazardous decomposition products:

None known

SECTION 11: Toxicological information**General toxicological information:**

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Poly (hexamethylene) diguamide HCl 27083-27-8	LD50	660 mg/kg	oral		rat	

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Poly (hexamethylene) diguamide HCl 27083-27-8	not irritating	24 h	rabbit	

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Poly (hexamethylene) diguamide HCl 27083-27-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		

SECTION 12: Ecological information**General ecological information:**

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Do not empty into drains, soil or bodies of water.

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Poly (hexamethylene) diguanide HCl 27083-27-8	LC50	26 \hat{A} μ g/l	Fish	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Poly (hexamethylene) diguanide HCl 27083-27-8	NOEC EC50	10 \hat{A} μ g/l 40 μ g/l	Fish Daphnia	28 d 48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Poly (hexamethylene) diguanide HCl 27083-27-8	EC50	0,019 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Butyl-1,2-benzothiazol- 3(2H)-one 4299-07-4	LC50	0,15 mg/l	Fish	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Butyl-1,2-benzothiazol- 3(2H)-one 4299-07-4	EC50	0,093 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Butyl-1,2-benzothiazol- 3(2H)-one 4299-07-4	ErC50	0,45 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Poly (hexamethylene) diguanide HCl 27083-27-8		aerobic	0 - 1 %	EU Method C.4-B (Determination of the "Ready" Biodegradability Modified OECD Screening Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Poly (hexamethylene) diguanide HCl 27083-27-8	0,002					OECD Guideline 107 (Partition Coefficient (n- octanol / water), Shake Flask Method)
2-Butyl-1,2-benzothiazol- 3(2H)-one 4299-07-4	2,86					

SECTION 13: Disposal considerations**Waste treatment methods:**

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

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

SECTION 14: Transport information**General information:**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

SECTION 15: Regulatory information

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

VOC content 0,0 %
(VOCV 814.018 VOC regulation
CH)

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R22 Harmful if swallowed.
R34 Causes burns.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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.