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SDS REPORT

Obai (Fujian) New building Materials Co., LTD.
No. 307, Yangtou, Meigong Village, Fangyang Town, Changtai District, Zhangzhou, Fujian

SDS Report No.	:	SDS202401090021
Compilation Date	:	January 12, 2024
Trade Name	:	D3 Waterproof Glue
Composition/Ingredient of The Sample	:	See Section 3 on the SDS
Service Requested	:	Safety Data Sheet (SDS) for the sample with submitted composition.
Summary	:	As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878, (EC) No 1272/2008 and are provided per attached.

Signed for and on behalf of
Technical Center:

benson

SEC TESTING TECHNOLOGY CO.,LTD. SEC CERTIFICATION

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: January 12, 2024 **Version No.: 1.0** **Revision: January 12, 2024**

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

· 1.1 Product identifier

· Trade name:

D3 Waterproof Glue

· Registration number:

No available data.

· UFI number:

No available data.

· Other means of identification:

No available data.

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

· Application of the substance/ mixture:

Industrial uses, wood splicing.

· Uses advised against:

No available data.

· Reason why uses advised against:

No available data.

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Obai (Fujian) New building Materials Co., LTD

No. 307, Yangtou, Meigong Village, Fangyang Town, Changtai District, Zhangzhou, Fujian

Tel: +86 13806019916

Fax: +86 0592-5334690

National contact: Renxian Wang

Email: 2496384262@qq.com

· Only Representative/other EU contact point:

No information available.

· Further information obtainable from:

Obai (Fujian) New building Materials Co., LTD

· 1.4 Emergency telephone number

Tel: +086 13806019916 (24 hours available)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· 2.1.1 Classification according to regulation (EC) 1272/2008:

The product is not classified according to CLP Regulation.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

· 2.2 Label elements

· Labeling according to Regulation (EC) No 1272/2008:

The product is not labelled according to CLP Regulation.

· Hazard pictograms:

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: January 12, 2024 **Version No.: 1.0** **Revision: January 12, 2024**

Trade Name: D3 Waterproof Glue

Not applicable

· Signal word:

Not applicable

· Hazard-determining components of labelling:

Not applicable

· Hazard statements:

Not applicable

· Precautionary statement:

Not applicable

· Supplemental label elements:

Not applicable

· 2.3 Other hazards

None ingredients (≥0.1%) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None ingredients (≥0.1%) identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

· 3.1 Substance

Not applicable

· 3.2 Mixtures

· Description of the mixture:

D3 Waterproof Glue.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Ethylenevinylacetate copolymer	24937-78-8	-	-	36.4	None	-
Water	7732-18-5	-	231-791-2	29.59	None	-
Sodium Styrene/ Acrylates Copolymer	9010-92-8	-	-	21.5	None	-
Polyvinyl alcohol	9002-89-5	-	-	7.3	None	-
Polyacrylic acid	9003-01-4	-	-	4.5	None	-
Magnesium oxide	1309-48-4	-	215-171-9	0.34	None	-
Quartz	14808-60-7	-	238-878-4	0.24	None	-
Diammonium peroxodisulfate	7727-54-0	016-060-00-6	231-786-5	0.06	Ox. Sol. 3, H272 Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Resp. Sens. 1, H334 STOT SE 3, H335	ATE (oral)=689 mg/kg
Sodium acetate	127-09-3	-	204-823-8	0.05	None	-
Sodium bicarbonate	144-55-8	-	205-633-8	0.02	None	-

Additional information:

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Full text of H-statement: see SECTION 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

General advice:

No special immediate medical required.

After inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

After skin contact:

No special measures required normally.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse eyes with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call a POISON CENTER/doctor if you feel unwell.

· 4.2 Most important symptoms and effects, both acute and delayed:

No known symptoms or effects.

· 4.3 Indication of any immediate medical attention and special treatment needed:

No special immediate medical attention or special treatment needed.

SECTION 5: Fire-fighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

Use CO_2 , chemical powder, water spray or alcohol resistant foam to extinguish.

· Unsuitable extinguishing media:

No special unsuitable extinguishing media.

· 5.2 Special hazards arising from the substance or mixture:

May form irritant/ allergic vapor.

· 5.3 Advice for firefighters

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

· 6.1.1 For non-emergency personnel

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Protective equipment:

Dusk mask.

Emergency procedures:

Ensure well ventilation.

Avoid breathing vapor.

Avoid contact with eyes.

· 6.1.2 For emergency responders

Personal protective equipment:

Use suitable protective equipment for personal protection.

· 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

· 6.3 Methods and material for containment and cleaning up:

Sweep up and shovel into suitable containers for disposal.

Ensure good ventilation.

Dispose contaminated material as waste according to section 13.

· 6.4 Reference to other sections:

See section 7 for information on safe handing.

See section 8 for information on personal protection equipment.

See section 13 for disposal in formation.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling:

Ensure well ventilation at workplace.

Avoid breathing vapor.

Avoid contact with eyes.

· Information about fire and explosion protection:

Normal measures for preventive fire protection.

· 7.2 Conditions for safe storage, including any non-compatibility

· Requirements to be met by storerooms and receptacles:

Store in a cool and well-ventilated place.

· Information about storage in one common storage facility:

No further requirements.

· Further information about storage conditions:

No further requirements.

· Storage class:

12.

· 7.3 Specific end use(s):

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: January 12, 2024 **Version No.: 1.0** **Revision: January 12, 2024**

Trade Name: D3 Waterproof Glue

See section 1.2.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
1309-48-4 Magnesium oxide(as Mg)		
Belgium	10 mg/m³	-
Denmark	6 mg/m³ Inhalable aerosol	12 mg/m³ Inhalable aerosol
France	10 mg/m³ Respirable aerosol	-
Germany (DFG)	4 mg/m³ Inhalable aerosol	1.5 mg/m³ Respirable aerosol
Hungary	6 mg/m³ respirable aerosol	24 mg/m³ respirable aerosol
Ireland	4 mg/m³ Respirible fraction; 5 mg/m³ Fume 10 mg/m³ Inhalable fraction	10 mg/m³ Fume; 15 minutes reference period
Poland	5 mg/m³ Fume; 10 mg/m³ Dust	-
Spain	10mg/m³ Inhalable aerosol; 10 mg/m³ Respirable aerosol	-
United Kingdom	10 mg/m³ Inhalable aerosol; 4 mg/m³ Respirable aerosol	-
14808-60-7 Quartz (SiO_2)		
Austria	0.15 mg/m³ respirable aerosol	-
Belgium	0.1 mg/m³	-
Denmark	0.3 mg/m³inhalable aerosol 0.1 mg/m³ respirable aerosol	0.6 mg/m³inhalable aerosol 0.2 mg/m³ respirable aerosol
Finland	0.05 mg/m³ Respirable fraction	-
France	0.1 mg/m³ respirable aerosol	-
Hungary	0.15 mg/m³ respirable aerosol	-
Ireland	0.1 mg/m³Respirable fraction	-
Spain	0.1 mg/m³	-
Sweden	0.1 mg/m³respirable aerosol	-
7727-54-0 Diammonium peroxodisulphate (measured as $[S_2O_8]$)		
Belgium	0.1 mg/m³	-
Ireland	0.1 mg/m³	-
Spain	0.1 mg/m³	-

· **DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
7727-54-0 Diammonium peroxodisulfate			
Systemic effects	Long-term, inhalation exposure	2.06 mg/m³	1.03 mg/m³
	Acute /short term, inhalation exposure	590 mg/m³	295 mg/m³
	Long-term, dermal exposure	18.2 mg/kg bw/day	9.1 mg/kg bw/day
	Acute /short term, dermal exposure	400 mg/kg bw/day	200 mg/kg bw/day
	Long-term, oral exposure	-	9.1 mg/kg bw/day

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

	Acute /short term, oral exposure	-	30 mg/kg bw/day
Local effects	Long-term, inhalation exposure	2.06 mg/m³	1.03 mg/m³
	Acute /short term, inhalation exposure	-	295 mg/m³
	Long-term, dermal exposure	102 µg/cm²	51 µg/cm²
	Acute /short term, dermal exposure	2.248 mg/cm²	1.124 mg/cm²

· **PNECs:**

PNEC type	Value
7727-54-0 Ammonium persulphate	
Freshwater	76.3 µg/L
Intermittent releases (freshwater)	763 µg/L
Marine water	11 µg/L
Sewage treatment plant (STP)	3.6 mg/L
Sediment (freshwater)	275 µg/kg sediment dw
Sediment (marine water)	39.6 µg/kg sediment dw

· **Additional information:** The lists valid during the marking were used as basis.

· **8.2 Exposure controls**

· **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Eye and face protection:**



Safety glasses

Protective goggles with side-shields.

· **Skin protection**

· **Hand protection:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness> 0.11mm; breakthrough times up to 480 minutes).

· **Other skin protection:**

Gauntlets, boots, bodysuit are recommended.

· **Respiration protection:**

Dust mask is recommended.

· **Thermal hazards:**

No special requirement.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· Physical state	Viscous liquid
· Color	Milk white
· Odor & Odor threshold	Weak Odor
· Melting point/freezing point (or softening point/range)	Not determined
· Boiling point or initial boiling point and boiling range	100°C (water)
· Flammability	Not flammable liquid
· Lower and upper explosion limit	Not applicable
· Flash point	>93°C
· Auto-ignition temperature	Not determined
· Decomposition temperature	Not determined
· pH	4-8 at 20°C, 100g/L.
· Kinematic viscosity (mm2/s)	Not determined
· Solubility	Soluble in water
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapor pressure	Not determined
· Density and/or relative density	Not determined
· Relative vapor density	Not determined
· Particle characteristics	Not applicable
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Trade Name: D3 Waterproof Glue

· **Self-accelerating polymerisation temperature**	Not applicable
· **Formation of explosible dust/air mixtures**	Not applicable
· **Acid/alkaline reserve**	Not applicable
· **Evaporation rate**	Not determined
· **Miscibility**	Not determined
· **Conductivity**	Not applicable
· **Corrosiveness**	Not applicable
· **Gas group**	Not applicable
· **Redox potential**	Not applicable
· **Radical formation potential**	Not applicable
· **Photocatalytic properties**	Not applicable
· **Other physical and chemical parameters**	Not determined

SECTION 10: Stability and reactivity

· **10.1 Reactivity:**
The product is no-reactive under normal conditions of use, storage and transport.

· **10.2 Chemical stability:**
Under storage at normal ambient temperatures, the product is stable.

· **10.3 Possibility of hazardous reactions:**
No known hazardous reaction.

· **10.4 Conditions to avoid:**
High temperature.

· **10.5 Incompatible materials:**
Strong acids, strong oxidizing agents.

· **10.6 Hazardous decomposition products:**
Does not decompose when used for intended uses.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**
· **Acute toxicity:**
Based on available data, the classification criteria are not met.

LD50/LC50 values relevant for classification:		
7727-54-0 Diammonium peroxodisulfate		
Rat	LD50-oral	689mg/kg
Remark: The above data is from literature.		

· **Skin corrosion/irritation:**
Based on available data, the classification criteria are not met.

· **Serious eyes damage/ irritation:**
Based on available data, the classification criteria are not met.

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

· Respiratory or skin sensitization:
Based on available data, the classification criteria are not met.

· Germ cell mutagenicity:
Based on available data, the classification criteria are not met.

· Carcinogenicity:
Based on available data, the classification criteria are not met.

· Reproductive toxicity:
Based on available data, the classification criteria are not met.

· Summary of evaluation of the CMR properties:
Not classified as CMR product.

· STOT-single exposure:
Based on available data, the classification criteria are not met.

· STOT-repeated exposure:
Based on available data, the classification criteria are not met.

· Aspiration hazard:
Based on available data, the classification criteria are not met.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties:
None ingredient (≥0.1%) is considered to have endocrine-disrupting properties with respect to humans as it meets the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2 Other information:
No known other relevant information on adverse health effects.

SECTION 12: Ecological information

· 12.1 Toxicity:

LC50/EC50/NOEC values relevant for classification:	
7727-54-0 Diammonium peroxodisulfate	
Short–term toxicity to fish	LC50 (4 days) 76.3 - 107.6 mg/L
Short–term toxicity to aquatic invertebrates	EC50 (5 days) 11 mg/L NOEC (5 days) 5 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 136 - 320 mg/L NOEC (72 h) 32 mg/L
Toxicity to microorganisms	EC10 (18 h) 36 mg/L

· 12.2 Persistence and degradability:
No available data.

· 12.3 Bio-accumulative potential:
No available data.

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

· 12.4 Mobility in soil:
No available data.

· 12.5 Results of PBT and vPvB assessment:
This mixture does not contain any substances (≥0.1%) that are assessed to be a PBT or a vPvB.

· 12.6 Endocrine disrupting properties:
None ingredient (≥0.1%) does not have endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100.

· 12.7 Other adverse effects:
No known other adverse effects.

· 12.8 Additional ecological information
· General notes:
WGK1 (German Regulation) (self-assessment): Low hazard to waters.
Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

· 13.1 Waste treatment methods
· Recommendation:
Small quantities can be disposed together with household garbage.
Large quantities disposed must be in according to the local/regional/national/ international regulation.

· 13.2 Un-cleaned packaging
· Recommendation:
Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

· 14.1 UN-Number	
ADR/RID/ADN, IMO/IMDG, IATA-DGR	Not regulated
· 14.2 UN proper shipping name	
ADR/RID/ADN, IMO/IMDG, IATA-DGR	Void
· 14.3 Transport hazard class (es)	
ADR/RID/ADN, IMO/IMDG, IATA-DGR	
Class	Void
Label	Void
· 14.4 Packing group	
ADR/RID/ADN, IMO/IMDG, IATA-DGR	Void
· 14.5 Marine pollution	No
· 14.6 Special precautions for user	Void
· Danger code (Kemler)	Void
· EMS number	Void
· 14.7 Transport in bulkaccording to Annex II of	Void

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: January 12, 2024 **Version No.: 1.0** **Revision: January 12, 2024**

Trade Name: D3 Waterproof Glue

MARPOL 73/78 and the IBC Code	

SECTION 15: Regulatory information

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

· MAK (German Maximum Workplace Concentration):

1309-48-4	Magnesium oxide	4
14808-60-7	Quartz (SiO_2) (Silica, crystalline, (respirable fraction)	1

· Directive 2012/18/EU

· Named dangerous substances-ANNEX I:

None of the ingredients is listed.

· Seveso category:

Not applicable

· Qualifying quantity (tonnes) for the application of lower-tier requirements:

Not applicable

· Qualifying quantity (tonnes) for the application of upper-tier requirements:

Not applicable

· National regulations.

· Water hazard class:

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

· Other regulations, limitations and prohibitive regulations

· SVHC Candidate list of REACH Regulation Annex XIV Authorization:

None of the ingredients is listed.

· REACH Regulation Annex XVII Restriction:

None of the ingredients is listed.

· REACH Regulation Annex XIV Authorization List:

None of the ingredients is listed.

· 15.2 Chemical safety assessment:

A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

· 16.1 Indication of changes:

None.

16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

SVHC: Substance of Very High Concern
LD50: Lethal dose, 50 percent
LC50: Lethal concentration, 50 percent
EC50: Concentration of maximal effect, 50 percent
NOEC: No observed effect concentration
Ox. Sol. 3: Oxidising solids, hazard category 3
Acute Tox. 4: Acute toxicity, hazard category 4
Skin Irrit. 2: Skin corrosion/irritation, hazard category 2
Skin Sens. 1: Skin sensitization, hazard category 1
Eye Irrit. 2: Eye damage/irritation, hazard category 2
Resp. Sens. 1: Respiratory sensitization, hazard category 1
STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3

· 16.3 Key literature references and sources for data:
https://echa.europa.eu/
https://chem.nlm.nih.gov/
https://www.osha.gov/
http://www.unece.org/
http://www.imo.org/
https://www.dguv.de/
https://epa.govt.nz/
http://www.ilo.org/
https://www.phmsa.dot.gov/

· 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:
See section 2.1 (classification).

· 16.5 Relevant H- and EUH-phrases (number and full text):
H272 May intensify fire; oxidizer
H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation

· 16.6 Training advice:
Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

· 16.7 Further information:
The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.
DISCLAIMER OF LIABILITY:
The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008

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End of safety data sheet