

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

1.1. Product identifier

Product form	: Mixture
Trade name	: SHUFILL SILICONE GREEN SHORE A20 MEDIUM (B) 250 ML
UFI	: F421-SJ8A-FX16-5MU4
Product code	: 210107250
Product group	: Blend

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

1.2.1. Relevant identified uses

Main use category	: Professional use
Use of the substance/mixture	: Coatings

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Glue-U Adhesives B.V.
Droogdokkeneiland 8
5026 SR Tilburg - Nederland
T 013 - 545 3118
sales@glue-u.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU > 2015: According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Not classified

Adverse physicochemical, human health and environmental effects

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Extra phrases	: This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
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2.3. Other hazards

Other hazards which do not result in classification	: This substance / mixture contains components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).
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Contains PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII
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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Component

DODECAMETHYLCYCLOHEXASILOXANE(540-97-6)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
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SECTION 3: Composition/information on ingredients

3.1. Substances

No data available

3.2. Mixtures

Comments : Addition cross-linking silicone polymer, contains hydrogen functional polysiloxane

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
DODECAMETHYLCYCLOHEXASILOXANE substance listed as REACH Candidate (Dodecamethylcyclohexasiloxane (D6)) PBT substance; vPvB substance	CAS-No.: 540-97-6 EC-No.: 208-762-8 REACH-no: 01-2119517435-42	0.1 – 1	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Take off immediately all contaminated clothing. If possible show him this sheet. Failing this, show him the packaging or label.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. If symptoms persist call a doctor.
First-aid measures after skin contact	: In case of skin contact, remove the product residues with a cloth or a piece of paper. Wash immediately with plenty of soap and water. If symptoms persist, call a physician.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse thoroughly and plentifully with water, also under the eyelids. If eye irritation persists and/or symptoms, obtain medical attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

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

Symptoms/effects	: No characteristic features and effects known.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray jet. Carbon dioxide. dry powder. foam.
Unsuitable extinguishing media	: Do not use a heavy water stream. Alkaline extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire	: Hazardous decomposition products in case of fire.
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Hazardous decomposition products in case of fire : Silicon oxide. Carbon dioxide.

5.3. Advice for firefighters

Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus.

Other information : In case of fire and/or explosion do not breathe fumes. Cool containers / tanks with spray water if possible. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Caution : this product can cause the floor to be very slippery.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not allow to enter sewers, surface or groundwater. Ensure all national/local regulations are observed.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Clean contaminated surface thoroughly. Comply with local regulations for disposal. Do not use a basic chemistry binder.

6.4. Reference to other sections

Stable under recommended handling and storage conditions (see section 7). Concerning personal protective equipment to use, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Due to the risk of decomposition, keep contaminants of any kind (especially heavy metals) and alkalis at a distance. Do not keep the container sealed.

Precautions for safe handling : Provide good extraction / ventilation of the workplace. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Prevent aerosol formation. Product can split off hydrogen. Use water spray to cool unopened containers.

Hygiene measures : Do not get in eyes, on skin, or on clothing. Do not breathe vapour/aerosol. Remove/Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Due to the risk of decomposition, keep contaminants of any kind (especially heavy metals) and alkalis at a distance.

Storage conditions : Protect against humidity and water. Do not keep the container sealed. Only store in a container with a degassing valve. Suitable material for tanks and pipelines: Plastics, coated steels. Unsuitable material for tanks and pipelines: Uncoated metal.

Incompatible materials : Acids, alkalis and oxidizing agent. aldehyde.

Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

Observe technical data sheet.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

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EU - Indicative Occupational Exposure Limit (IOEL)

Contains no substances with occupational exposure limits.

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide good extraction / ventilation of the workplace.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. Long sleeved protective clothing. EN 14605

Hand protection:

Fluorinated rubber. Breakthrough time : 30 - < 60 min. Layer thickness : > 0,7 mm. Class 2. The breakthrough times obtained according to EN 374 Part III are not determined under normal operating conditions. Therefore, a maximum usage time of 50% of the break through time is recommended. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer.

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. Combination filter A / P (EN 141). If this product is handled by spray application, respiratory protection is necessary

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Green.
Appearance	: Syrupy.

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Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: No available data
Freezing point	: Not available
Boiling point	: No available data
Flammability	: Not available
Oxidising properties	: No data available.
Explosive limits	: Not available
Lower explosive limit (LEL)	: 4 vol % Hydrogen
Upper explosive limit (UEL)	: 74 vol % Hydrogen
Flash point	: > 100 °C
Auto-ignition temperature	: 560 °C Hydrogen
Decomposition temperature	: > 200 °C
pH	: Not applicable.
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 7000 mPa·s (20 °C) Methode Brookfield
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: Not applicable.
Vapour pressure	: < 100 hPa (20 °C)
Vapour pressure at 50 °C	: Not available
Density	: 1.12 g/cm ³ (20 °C)
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable.
Particle size	: No data available
Particle size distribution	: No data available
Particle shape	: No data available
Particle aspect ratio	: No data available
Particle aggregation state	: No data available
Particle agglomeration state	: No data available
Particle specific surface area	: No data available
Particle dustiness	: No data available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (ethanol=1)	: Not applicable.
Specific conductivity	: Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

May generate flammable hydrogen gas. Avoid contact with: water, alcohols, acids, bases & oxidising compounds. Potential exothermic hazard.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

alcohols. Acids. bases. Aldehydes. Oxidisable materials. Due to the risk of decomposition, keep contaminants of any kind (especially heavy metals) and alkalis at a distance.

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10.6. Hazardous decomposition products

Hydrogen.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Based on available data, the classification criteria are not met
Acute toxicity (inhalation)	: Based on available data, the classification criteria are not met

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LD50 oral rat	> 2000 mg/kg Conclusion by analogy
Skin corrosion/irritation	: Repeated or prolonged contact may cause skin irritation pH: Not applicable.
Serious eye damage/irritation	: Contact with the eyes is likely to be irritating pH: Not applicable.
Respiratory or skin sensitisation	: No sensitizing reactions observed
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
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

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The experimental information related to the eco-toxicological properties of the product itself is not available.
Hazardous to the aquatic environment, short-term (acute)	: No additional information available
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

12.2. Persistence and degradability

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Persistence and degradability	No data is available with regard to biodegradability on the product itself. The product is insoluble and floats on water. Can be mechanically separated in a wastewater treatment plant.
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	Not applicable.
Bioaccumulative potential	not bioaccumulable.

12.4. Mobility in soil

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Ecology - soil	Absorbs to soil after release.
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12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	This substance / mixture contains components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB)
Component	
DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Since the product is not water soluble, ecological data such as e.g. biodegradability, COD and BOD5 values cannot be determined analytically. According to the current state of our knowledge, the product does not contain any heavy metals and compounds of the EC Directive 2000/60 EC

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA /

ADR	IMDG	IATA
14.1. UN number or ID number		
Not regulated	Not regulated	Forbidden
14.2. UN proper shipping name		
Not regulated	Not regulated	Forbidden
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Forbidden
14.4. Packing group		
Not regulated	Not regulated	Forbidden
14.5. Environmental hazards		
Not regulated	Not regulated	Forbidden
Not classified as dangerous in the meaning of transport regulations, The transport classifications given herein are for information only and based solely on the properties of the unpackaged material as described in this safety data sheet, Transport classifications can vary with regard to the mode of transport, the size of the packaging and differences in regional / resp. national regulations		

14.6. Special precautions for user

Special transport precautions : Refer to section 6-8

Overland transport

Not regulated

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Transport by sea

Not regulated

Air transport

Forbidden

14.7. Maritime transport in bulk according to IMO instruments

IBC code : No data available.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: Dodecamethylcyclohexasiloxane (D6) (EC 208-762-8, CAS 540-97-6)

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Other information, restriction and prohibition regulations : No additional information available.

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK: 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

15.2. Chemical safety assessment

Chemical Safety Assessment not required.

SECTION 16: Other information

Indication of changes

Section	Changed item	Change	Comments
7.2	Heat and ignition sources	Added	
7.2	Incompatible materials	Modified	
16	Data sources	Modified	
16	Abbreviations and acronyms	Modified	

Abbreviations and acronyms

CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
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Abbreviations and acronyms	
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Dose leading to death in 50% of a test population (median lethal dose)
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
vPvB	Very Persistent and Very Bioaccumulative
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No.	Chemical Abstract Service number
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
EC-No.	European Community number
EN	European Standard
SDS	Safety Data Sheet
WGK:	Water Hazard Class

Data sources

: Information from our suppliers, such as data from "Registered Substances Database" of the European Chemicals Agency (ECHA) is used to compile the safety data sheet. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. These data are based on the current state of our knowledge. However, they do not provide a guarantee of product properties and do not establish a contractual legal relationship. Classification procedure: . Physical and Chemical Properties: Classification is based on the results of the mixtures tested. Health and Environmental Hazards: The method for classifying mixtures based on the components of the mixture (sum formula).

Training advice

: Based on the data in the safety data sheet and the workplace regulations, the employees should receive regular training on the use of the products. National regulations for further training on the use of hazardous products for workers should be observed.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.