

MATERIAL SAFETY DATA SHEET

mould-it: putty part A (Base)

resin⁸




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

1.1 Product identifier:	Resin8 mould-it putty part A (Base)
1.2 Relevant identified uses of the substance or mixture and uses advised against:	Relevant uses: Silicone moulding putty for making silicone moulds. For professional use. Uses advised against: All uses not specified in this section or in section 7.3
1.3 Details of the supplier of the safety data sheet	Resin8 Craft Supplies Ltd Withytree Farm Broadway Road Winchcombe Gloucestershire GL54 5NT United Kingdom Phone: 01242 603624 Email: info@resin8.co.uk Web: www.resin8.co.uk
1.4 Emergency telephone number:	0044 (0) 1242 603624 (Monday-Friday 09:00 – 17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:	This product contains crystalline silica but due to its liquid state it does not require classification (STOT RE)
CLP Regulation (EC) No 1272/2008:	This product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008
2.2 Label elements:	CLP Regulation (EC) No 1272/2008: Hazard statements: Not applicable Precautionary statements: Not applicable Supplementary information: EUH210: Safety data sheet available on request
2.3 Other hazards:	Product contains PBT/PvB substances: Dodecamethylcyclohexasiloxane

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:	Not applicable											
3.2 Mixture:	Chemical description: Silicone putty Components: In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:											
	<table border="1"><thead><tr><th>Identification</th><th>Chemical name/Classification</th><th>Concentration</th></tr></thead><tbody><tr><td>CAS: 14464-46-1 EC: 238-455-4 Index: Not applicable REACH: Not applicable</td><td>Cristobalite (RCS > 10%) □⁺□ Regulation 1272/2008</td><td>Self-classified 25 - <50%</td></tr><tr><td></td><td>STOT RE 1: H372 – Danger</td><td></td></tr></tbody></table>	Identification	Chemical name/Classification	Concentration	CAS: 14464-46-1 EC: 238-455-4 Index: Not applicable REACH: Not applicable	Cristobalite (RCS > 10%) □ ⁺ □ Regulation 1272/2008	Self-classified 25 - <50%		STOT RE 1: H372 – Danger			
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CAS: 540-97-6 EC: 208-762-8 Index: Not applicable REACH: 01-2119517435-42-XXXX	Dodecamethylcyclhexasiloxane <input type="checkbox"/> 2 <input type="checkbox"/>	Not classified	0.1 - <0.5%
	Regulation 1272/2008		

1 Substances presenting a health or environmental hazard which meets criteria laid down in Regulation (EU) No. 2015/830
2 PBT/PvB substance
To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing this SDS.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

It is recommended to clean skin thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters, etc), seek medical advice showing this SDS.

By eye contact:

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS for the product.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit, etc) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion or explosion as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:**
Isolate leaks, if there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilled product (See section 8). Evacuate the area and keep out those who do not have protection.
- 6.2 Environmental precautions:**
This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.
- 6.3 Methods and material for containment and cleaning up:**
Absorb the spillage using sand or an inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
- 6.4 Reference to other sections:**
See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:**
A - Precautions for safe manipulation
Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.
B - Technical recommendations for the prevention of fires and explosions
Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.
C - Technical recommendations to prevent ergonomic and toxicological risks
Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
D - Technical recommendations to prevent environmental risks
It is recommended to have absorbent material available at close proximity to the product (see subsection 6.3)
- 7.2 Conditions for safe storage, including any incompatibilities:**
A - Technical measures for storage
Minimum temperature: 5°C
Maximum temperature: 30°C
Maximum time: 6 months
B - General conditions for storage
Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5
- 7.3 Specific end use(s)**
Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS

- 8.1 Control parameters:**
Substances whose occupational exposure limits have to be monitored in the workplace:
There are no occupational exposure limits for the substances contained in the product
DNEL (Workers):

MATERIAL SAFETY DATA SHEET

mould-it: putty part A (Base)

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Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dodecamethylcyclohexasiloxane	Oral	Not applicable	Not applicable	Not applicable	Not applicable
CAS: 540-97-6	Dermal	Not applicable	Not applicable	Not applicable	Not applicable
EC: 208-762-8	Inhalation	23.5 mg/m ³	Not applicable	23.5 mg/m ³	Not applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dodecamethylcyclohexasiloxane	Oral	1.7 mg/kg	Not applicable	1.7 mg/kg	Not applicable
CAS: 540-97-6	Dermal	Not applicable	Not applicable	Not applicable	Not applicable
EC: 208-762-8	Inhalation	5.8 mg/m ³	Not applicable	5.8 mg/m ³	Not applicable

PNEC:

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dodecamethylcyclohexasiloxane	STP	1 mg/L	Fresh water	Not applicable	Not applicable
CAS: 540-97-6	Soil	3.77 mg/kg	Marine water	Not applicable	Not applicable
EC: 208-762-8	Intermittent	Not applicable	Sediment (Fresh water)	8.3 mg/kg	8.3 mg/kg
	Oral	66.7 g/kg	Sediment (Marine water)	0.8 mg/kg	0.8 mg/kg

8.2 Exposure controls:

A - General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection, etc) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B - Respiratory protection

The use of protective equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C - Specific protection for the hands

Not applicable

D - Ocular and facial protection

Not applicable

E - Body protection

Not applicable

F - Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

- V.O.C. (Supply): 0 % weight
- V.O.C. density at 20 °C: 0 kg/m³ (0 g/L)
- Average carbon number: Not applicable
- Average molecular weight: Not applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C: Liquid

Appearance: Putty

Colour: White

Odour: Not available

Odour threshold: Not applicable *

Volatility:

Boiling point at atmospheric pressure: 245 °C

Vapour pressure at 20 °C: 5,789E-1 Pa

Vapour pressure at 50 °C: 10,91 Pa (0,01 kPa)

Evaporation rate at 20 °C: Not applicable *

Product description:

Density at 20 °C: 1496,2 kg/m³

Relative density at 20 °C: 1,496

Dynamic viscosity at 20 °C: Not applicable *

Kinematic viscosity at 20 °C: Not applicable *

Kinematic viscosity at 40 °C: >20,5 cSt

Concentration: Not applicable *

pH: Not applicable *

Vapour density at 20 °C: Not applicable *

Partition coefficient n-octanol/water 20 °C: Not applicable *

Solubility in water at 20 °C: Not applicable *

Solubility properties: Insoluble in water

Decomposition temperature: Not applicable *

Melting point/freezing point: Not applicable *

Explosive properties: Not applicable *

Oxidising properties: Not applicable *

Flammability:

Flash Point: Non Flammable (>60 °C)

Flammability (solid, gas): Not applicable *

Autoignition temperature: Not applicable *

Lower flammability limit: Not applicable *

Upper flammability limit: Not applicable *

Explosive:

Lower explosive limit: Not applicable *

Upper explosive limit: Not applicable *

9.2 Other information:

Surface tension at 20°C: Not applicable *

Refraction index: Not applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature.

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A - Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B - Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

C - Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

D - CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
- IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E - Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

F - Specific target organ toxicity (STOT) - single exposure:

- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- G - Specific target organ toxicity (STOT)-repeated exposure:
- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- H - Aspiration hazard:
- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Not applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Cristobalite (RCS > 10%)	<2000 mg/kg	<2000 mg/kg	
CAS: 14464-46-1	<2000 mg/kg	<2000 mg/kg	
EC: 238-455-4	<5 mg/L (4h)	<5 mg/L (4h)	
Dodecamethylcyclohexasiloxane	<2000 mg/kg	<2000 mg/kg	
CAS: 540-97-6	<2000 mg/kg	<2000 mg/kg	
EC: 208-762-8	<20 mg/L	<20 mg/L	

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	>2000 mg/kg (calculation method)	Not applicable
Dermal	>2000 mg/kg (calculation method)	Not applicable
Inhalation	>20 mg/L (4h) (calculation method)	Not applicable

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available.

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and PvB assessment:

Product contains PBT/PvB substances: Dodecamethylcyclohexasiloxane

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Type of waste (Regulation (EU) No 1357/2014):

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual

product. Otherwise, it will be processed as non-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID, IMDG, IATA)

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):

Dodecamethylcyclohexasiloxane

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ...): Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

Specific provisions in terms of protecting people or the environment: It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation: The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out any evaluation for chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11):

- New declared substances: Dodecamethylcyclohexasiloxane (540-97-6)

Substances that contribute to the classification (SECTION 2):

- Removed substances: Cristobalite (RCS > 10 %) (14464-46-1)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements
- Precautionary statements
- Supplementary information

Content of the 3rd section presenting modifications (SECTION 3):

- Dodecamethylcyclhexasiloxane (540-97-6): Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH)

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation)

Classification procedure:

Non-applicable

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product. The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

MATERIAL SAFETY DATA SHEET

mould-it: putty part B (Catalyst)

resin⁸




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

1.1 Product identifier:	Resin8 mould-it putty part B (Catalyst)
1.2 Relevant identified uses of the substance or mixture and uses advised against:	Relevant uses: Pigment Paste for making silicone moulds. For professional use. Uses advised against: All uses not specified in this section or in section 7.3
1.3 Details of the supplier of the safety data sheet	Resin8 Craft Supplies Ltd Withytree Farm Broadway Road Winchcombe Gloucestershire GL54 5NT United Kingdom Phone: 01242 603624 Email: info@resin8.co.uk Web: www.resin8.co.uk
1.4 Emergency telephone number:	0044 (0) 1242 603624 (Monday-Friday 09:00 – 17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:	This product contains crystalline silica but due to its liquid state it does not require classification (STOT RE)
CLP Regulation (EC) No 1272/2008:	This product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008
2.2 Label elements:	CLP Regulation (EC) No 1272/2008: Hazard statements: Not applicable Precautionary statements: Not applicable Supplementary information: EUH210: Safety data sheet available on request
2.3 Other hazards:	Product contains PBT/PvB substances: Dodecamethylcyclohexasiloxane

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3.1 Substance:	Not applicable											
3.2 Mixture:	Chemical description: Silicone putty Components: In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:											
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Regulation 1272/2008			
<input type="checkbox"/> 1 <input type="checkbox"/> Substances presenting a health or environmental hazard which meets criteria laid down in Regulation (EU) No. 2015/830 <input type="checkbox"/> 2 <input type="checkbox"/> PBT/PvB substance To obtain more information on the hazards of the substances consult sections 11, 12 and 16.			

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4.1 Description of first aid measures:

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By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

It is recommended to clean skin thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters, etc), seek medical advice showing this SDS.

By eye contact:

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS for the product.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable.

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5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit, etc) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion or explosion as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

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- 6.1 Personal precautions, protective equipment and emergency procedures:**
Isolate leaks, if there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilled product (See section 8). Evacuate the area and keep out those who do not have protection.
- 6.2 Environmental precautions:**
This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.
- 6.3 Methods and material for containment and cleaning up:**
Absorb the spillage using sand or an inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
- 6.4 Reference to other sections:**
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- 7.1 Precautions for safe handling:**
A - Precautions for safe manipulation
Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.
B - Technical recommendations for the prevention of fires and explosions
Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.
C - Technical recommendations to prevent ergonomic and toxicological risks
Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
D - Technical recommendations to prevent environmental risks
It is recommended to have absorbent material available at close proximity to the product (see subsection 6.3)
- 7.2 Conditions for safe storage, including any incompatibilities:**
A - Technical measures for storage
Minimum temperature: 5°C
Maximum temperature: 30°C
Maximum time: 6 months
B - General conditions for storage
Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5
- 7.3 Specific end use(s)**
Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS

- 8.1 Control parameters:**
Substances whose occupational exposure limits have to be monitored in the workplace:
There are no occupational exposure limits for the substances contained in the product
DNEL (Workers):

MATERIAL SAFETY DATA SHEET

mould-it: putty part B (Catalyst)

resin⁸

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dodecamethylcyclohexasiloxane	Oral	Not applicable	Not applicable	Not applicable	Not applicable
CAS: 540-97-6	Dermal	Not applicable	Not applicable	Not applicable	Not applicable
EC: 208-762-8	Inhalation	23.5 mg/m ³	Not applicable	23.5 mg/m ³	Not applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dodecamethylcyclohexasiloxane	Oral	1.7 mg/kg	Not applicable	1.7 mg/kg	Not applicable
CAS: 540-97-6	Dermal	Not applicable	Not applicable	Not applicable	Not applicable
EC: 208-762-8	Inhalation	5.8 mg/m ³	Not applicable	5.8 mg/m ³	Not applicable

PNEC:

Identification		Fresh water		Marine water	
Dodecamethylcyclohexasiloxane	STP	1 mg/L	Fresh water	Not applicable	Not applicable
CAS: 540-97-6	Soil	3.77 mg/kg	Marine water	Not applicable	Not applicable
EC: 208-762-8	Intermittent	Not applicable	Sediment (Fresh water)	8.3 mg/kg	8.3 mg/kg
	Oral	66.7 g/kg	Sediment (Marine water)	0.8 mg/kg	0.8 mg/kg

8.2 Exposure controls:

A - General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection, etc) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B - Respiratory protection

The use of protective equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C - Specific protection for the hands

Not applicable

D - Ocular and facial protection

Not applicable

E - Body protection

Not applicable

F - Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

- V.O.C. (Supply): 0 % weight
- V.O.C. density at 20 °C: 0 kg/m³ (0 g/L)
- Average carbon number: Not applicable
- Average molecular weight: Not applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C: Liquid

Appearance: Paste

Colour: White

Odour: Not available

Odour threshold: Not applicable *

Volatility:

Boiling point at atmospheric pressure: 245 °C

Vapour pressure at 20 °C: 5,789E-1 Pa

Vapour pressure at 50 °C: 10,91 Pa (0,01 kPa)

Evaporation rate at 20 °C: Not applicable *

Product description:

Density at 20 °C: 1496,2 kg/m³

Relative density at 20 °C: 1,496

Dynamic viscosity at 20 °C: Not applicable *

Kinematic viscosity at 20 °C: Not applicable *

Kinematic viscosity at 40 °C: >20,5 cSt

Concentration: Not applicable *

pH: Not applicable *

Vapour density at 20 °C: Not applicable *

Partition coefficient n-octanol/water 20 °C: Not applicable *

Solubility in water at 20 °C: Not applicable *

Solubility properties: Insoluble in water

Decomposition temperature: Not applicable *

Melting point/freezing point: Not applicable *

Explosive properties: Not applicable *

Oxidising properties: Not applicable *

Flammability:

Flash Point: Non Flammable (>60 °C)

Flammability (solid, gas): Not applicable *

Autoignition temperature: Not applicable *

Lower flammability limit: Not applicable *

Upper flammability limit: Not applicable *

Explosive:

Lower explosive limit: Not applicable *

Upper explosive limit: Not applicable *

9.2 Other information:

Surface tension at 20°C: Not applicable *

Refraction index: Not applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature.

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A - Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B - Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

C - Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

D - CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
- IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E - Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

F - Specific target organ toxicity (STOT) - single exposure:

- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- G - Specific target organ toxicity (STOT)-repeated exposure:
- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- H - Aspiration hazard:
- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Not applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Cristobalite (RCS > 10%)	<2000 mg/kg	<2000 mg/kg	
CAS: 14464-46-1	<2000 mg/kg	<2000 mg/kg	
EC: 238-455-4	<5 mg/L (4h)	<2000 mg/kg	
Dodecamethylcyclhexasiloxane	<2000 mg/kg	<2000 mg/kg	
CAS: 540-97-6	<2000 mg/kg	<2000 mg/kg	
EC: 208-762-8	<20 mg/L	<20 mg/L	

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	>2000 mg/kg (calculation method)	Not applicable
Dermal	>2000 mg/kg (calculation method)	Not applicable
Inhalation	>20 mg/L (4h) (calculation method)	Not applicable

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available.

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and PvB assessment:

Product contains PBT/PvB substances: Dodecamethylcyclhexasiloxane

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Type of waste (Regulation (EU) No 1357/2014):

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual

product. Otherwise, it will be processed as non-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID, IMDG, IATA)

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):

Dodecamethylcyclohexasiloxane

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ...): Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

Specific provisions in terms of protecting people or the environment: It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation: The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out any evaluation for chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11):

- New declared substances: Dodecamethylcyclohexasiloxane (540-97-6)

Substances that contribute to the classification (SECTION 2):

- Removed substances: Cristobalite (RCS > 10 %) (14464-46-1)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements
- Precautionary statements
- Supplementary information

Content of the 3rd section presenting modifications (SECTION 3):

- Dodecamethylcyclohexasiloxane (540-97-6): Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH)

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation)

Classification procedure:

Non-applicable

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product. The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.