



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) 2020/878)

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## GluHU Adhesive

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

#### 1.1. Product identifier

Product name GluHU Adhesive

Product code None.

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

Use of the Substance/Mixture Silicone based adhesive

#### 1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification GluHU GmbH  
Fabrikstrasse 10  
CH-9470 Buchs  
Switzerland  
Ph +41 43 311 70 20  
info@atelierbassi.com

1.4. Emergency telephone number 145 (Tox Info Suisse)  
international +41 44 251 51 51

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### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 Flammable liquids, Cat. 2, H225  
Hazardous to the aquatic environment, acute, Cat. 1, H400  
Hazardous to the aquatic environment, chronic, Cat. 1, H410

**Additional information**

For the full text of the phrases mentioned in this Section, see Section 16.

**2.2. Label elements****Signal Word**

Danger

**Hazard Statements**

H225: Highly flammable liquid and vapour.  
H410: Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273: Avoid release to the environment.  
P370+P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
P403+P235: Store in a well-ventilated place. Keep cool.

**Supplemental information**

None.

**Product identifier**

Not required.

**Packaging**

Tactile warning of danger (EN/ISO 11683).

**2.3. Other hazards**

None known.

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**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Adhesive.

Components		CLP Classification	Product identifier
Hexamethyldisiloxane	90% - 95%	Aquatic Acute 1 H400, Aquatic Chronic 1 H410, Flam. Liq. 2 H225	CAS-No.: 107-46-0 EC-No.: 203-492-7
Amorphous Silica	0.1% - 1%	Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335	CAS-No.: 112945-52-5

For the full text of the phrases mentioned in this Section, see Section 16.

**Hazardous impurities**

None known.

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## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

<b>Inhalation</b>	Move to fresh air. Consult a physician after significant exposure.
<b>Skin contact</b>	No special measures required.
<b>Eye contact</b>	Flush eyes with water as a precaution. If eye irritation persists, consult a specialist.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

**4.2. Most important symptoms and effects, both acute and delayed**      Dizziness. Headache. Blurred vision.

**4.3. Indication of any immediate medical attention and special treatment needed**      None known.

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media**      Use dry chemical, CO<sub>2</sub>, water spray or alcohol foam.

**Extinguishing media which must not be used for safety reasons**      High volume water jet.

**5.2. Special hazards arising from the substance or mixture**      Solvents may produce excessive pressure under fire-conditions. Sealed containers may rupture and ignite.

### **5.3. Advice for firefighters**

**Special protective equipment for firefighters**      Standard procedure for chemical fires.

**Specific methods**      Keep containers and surroundings cool with water spray.

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## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Advice for non-emergency personnel**      Remove all sources of ignition. Pay attention to flashback.

**Advice for emergency responders**      Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

<b>6.2. Environmental precautions</b>	No special environmental precautions required.
<b>6.3. Methods and material for containment and cleaning up</b>	Small quantities: Wipe up with adsorbent material (e.g. cloth, fleece). Large quantities: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). After cleaning, flush away traces with water.

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## **SECTION 7: Handling and storage**

<b>7.1. Precautions for safe handling</b>	Use only in well-ventilated areas. May be ignited by open flame.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep container tightly closed in a dry and well-ventilated place.
<b>7.3. Specific end use(s)</b>	No information available.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

<b>Exposure limit(s)</b>	No data is available on the product itself.
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### **8.2. Exposure controls**

<b>Appropriate engineering controls</b>	When using, do not eat, drink or smoke.
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#### **Personal protection equipment**

<i>Respiratory protection</i>	No special protective equipment required.
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<i>Hand protection</i>	Protective gloves complying with EN 374.
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<i>Eye protection</i>	Avoid contact with eyes.
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<i>Skin and body protection</i>	No special measures required.
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<i>Thermal hazards</i>	Container may rupture on heating.
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<b>Environmental exposure controls</b>	No special measures required.
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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid.
<b>Colour</b>	Translucent. White.
<b>Odour</b>	Mild.
<b>Melting point/ freezing point:</b>	Not determined.

<b>Boiling point or initial boiling point / range:</b>	~100 °C
<b>Flammability:</b>	highly flammable
<b>Lower and upper explosion limit:</b>	Not determined.
<b>Flash point:</b>	<23 °C
<b>Auto-ignition temperature:</b>	310 °C
<b>Decomposition temperature:</b>	Not determined.
<b>pH:</b>	not applicable
<b>Kinematic viscosity:</b>	Not determined.
<b>Solubility:</b>	insoluble (Water) miscible (miscible with most organic solvents)
<b>Partition coefficient n-octanol/water (log value):</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density:</b>	ca. 0.8
<b>Relative vapour density:</b>	Not determined.
<b>Particle characteristics:</b>	Not applicable.

## 9.2. Other information

<b>Other safety characteristics</b>	No information available.
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## **SECTION 10: Stability and reactivity**

<b>10.1. Reactivity</b>	No information available.
<b>10.2. Chemical stability</b>	No decomposition if used as directed.
<b>10.3. Possibility of hazardous reactions</b>	None known.
<b>10.4. Conditions to avoid</b>	Strong sunlight for prolonged periods. Fire or intense heat may cause violent rupture of packages.
<b>10.5. Incompatible materials</b>	Incompatible with strong bases and oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	None reasonably foreseeable.

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## **SECTION 11: Toxicological information**

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

<b>Acute toxicity</b>	Negligible. <b>Hexamethyldisiloxane (CAS 107-46-0)</b> Dermal LD50 Rat > 2000 mg/kg (ECHA_API) Inhalation LC50 Rat = 15956 ppm 4 h(NLM_CIP) Oral LD50 Rat > 5000 mg/kg (IUCLID) <b>Amorphous Silica (CAS 112945-52-5)</b> Oral LD50 Rat = 3160 mg/kg (NLM_CIP)
<b>Skin corrosion/irritation</b>	May cause irritation of the mucous membranes.

<b>Serious eye damage/eye irritation</b>	Contact with eyes may cause irritation.
<b>Respiratory / Skin Sensitisation</b>	None.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Germ cell mutagenicity</b>	Contains no ingredient listed as a mutagen.
<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction.
<b>Specific target organ toxicity (single exposure)</b>	No data available.
<b>Specific target organ toxicity (repeated exposure)</b>	No data available.
<b>Aspiration hazard</b>	No data available.
<b>Human experience</b>	This product has no known adverse effect on human health.

## 11.2. Information on other hazards

<b>Other information</b>	No data available.
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## ***SECTION 12: Ecological information***

<b>12.1. Toxicity</b>	No data available.
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### **Hexamethyldisiloxane (CAS 107-46-0)**

Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Oncorhynchus mykiss 3.02 mg/L [flow-through] (IUCLID)
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<b>12.2. Persistence and degradability</b>	Expected to be ultimately biodegradable.
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<b>12.3. Bioaccumulative potential</b>	No data is available on the product itself.
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<b>12.4. Mobility in soil</b>	The product evaporates from soil.
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<b>12.5. Results of PBT and vPvB assessment</b>	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
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<b>12.6. Endocrine disrupting properties</b>	No information available.
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<b>12.7. Other adverse effects</b>	No information available.
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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

<b>Waste from residues / unused products</b>	Must be reconditioned or disposed as special waste. Dispose of as special waste in compliance with local and national regulations.
<b>Contaminated packaging</b>	Offer rinsed packaging material to local recycling facilities.

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## **SECTION 14: Transport information**

<b>14.1. UN number or ID number</b>	UN 1993
<b>14.2. UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (Hexamethyldisiloxane)
<b>14.3. Transport hazard class(es)</b>	3
<b>14.4. Packing group</b>	II
<b>14.5. Environmental hazards</b>	Marine pollutant: Yes. Environmentally hazardous: Yes
<b>14.6. Special precautions for user</b>	Not applicable.
<b>14.7. Maritime transport in bulk according to IMO instruments</b>	Not applicable.

### **UN Model Regulations**

<b>ADR/RID</b>	UN 1993. Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Hexamethyldisiloxane). Class 3. Packing group II. ADR/RID-Labels 3+ENV. Environmentally hazardous: Yes Classification code F1. Hazard identification no. 33. Limited quantity 1 L. Excepted quantity E2. Transport category 2. Tunnel restriction code (D/E).
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<b>IMDG</b>	UN 1993. Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Hexamethyldisiloxane). Class 3. Packing group II. IMDG-Labels 3+ENV. Limited quantity 1 L. Excepted quantity E2. EmS F-E, S-E. Marine pollutant: Marine pollutant: Yes..
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**IATA** UN 1993.  
Proper shipping name: Flammable liquid, n.o.s.  
(Hexamethyldisiloxane).  
Class 3.  
Packing group II.  
IATA label 3+ENV.  
Packing instruction (passenger aircraft): 353 (5 L).  
Packing instruction (LQ): Y341 (1 L).  
Packing instruction (cargo aircraft): 364 (60 L).

**Inland navigation ADN** UN 1993.  
Proper shipping name: FLAMMABLE LIQUID, N.O.S.  
(Hexamethyldisiloxane).  
Class 3.  
Packing group II.  
ADN labels 3+ENV.  
Classification code F1.  
Limited quantity 1 L.  
Excepted quantity E2.

**Further Information** None.

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## **SECTION 15: Regulatory information**

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

**Regulatory Information** The product is classified and labelled in accordance with EC directives or respective national laws.  
Tactile warning of danger (EN/ISO 11683).

**Hexamethyldisiloxane (CAS 107-46-0)**  
EU - REACH (1907/2006) - List of Registered Substances Present

**15.2. Chemical safety assessment** Not required.

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## **SECTION 16: Other information**

**Key or legend to abbreviations and acronyms** CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)  
VeVA: Ordinance on the Treatment of Waste (SR 814.610)

**Key literature references and sources for data** Sources of key data used to compile the Safety Data Sheet: REACH, ECHA.

**Classification procedure** Classification according to Regulation (EC) No. 1272/2008.

**Full text of phrases referred to under sections 2 and 3** H225: Highly flammable liquid and vapour.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.



**Instructions for use**

Keep away from sources of ignition - No smoking. Keep away from children.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.