



CHASBKARAN SAHELE ARAS CO.

MATERIAL SAFETY DATA SHEETS

FINAL SUPER SILICONIZED MASTIK

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

1.1. Product identifier

Product form : MIXTURE
Trade name : FINAL SUPER SILICONIZED MASTIK
Type of product : Adhesives, Sealants
Product group : TRADE PRODUCT

1.2. Relevant identified uses of the substance or mixture and uses discouraged

Intended for general public

1.3. Details of the supplier providing the safety data sheet

Head office: Chasbkaran Sahel Aras Co. 4th Floor, No.2, Mahan Bldg, Mojahedi Alley, Tavanir Blvd, Valiasr, Tabriz, Iran
Phone: +98 (41) 4196
info@csa-team.com www.chasbkaran.com

1.4. Emergency telephone number

In Case Of Emergency : +98 (41) 4196

SECTION 2: HAZARDS IDENTIFICATION

2.1. Hazard classification

Not determined

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children
Child-resistant fastening : Not applicable
Tactile warning : Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical nature: Silicone elastomer.

This product is a mixture.

Name : ethanediol, ethylene glycol
Product identifier : (CAS No) 107-21-1
(EC no) 203-473-3
(EC index no) 603-027-00-1
Percentage : 1-5

Classification according to Regulation (EC) No.



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1272/2008 [CLP]

Acute Tox. 4 (Oral), H302

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

- First-aid measures after inhalation** : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact** : Wash skin with plenty of water.
- First-aid measures after eye contact** : Rinse eyes with water as a precaution.
- First-aid measures after ingestion** : Call a poison center or a doctor if you feel unwell.

4.2. Notes to physician:

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Water spray. Dry powder. Foam.

Unsuitable extinguishing media:

Unknown.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire:

Toxic fumes may be released.

5.3. Advice for firefighters

Fire Fighting Procedures: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.1. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.
For further information

refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Recover mechanically the product.

Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage: Store in a well-ventilated place. Keep cool.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

FINAL SUPER SILICONIZED MASTIK		
EU	Local name	Ethylene glycol
EU	IOELV TWA (mg/m ³)	52 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	104 mg/m ³
EU	IOELV STEL (ppm)	40 ppm
EU	Notes	Skin
Austria	Local name	Ethylenglykol
Austria	MAK (mg/m ³)	26 mg/m ³
Austria	MAK (ppm)	10 ppm
Austria	MAK Short time value (mg/m ³)	52 mg/m ³
Austria	MAK Short time value (ppm)	20 ppm
Austria	Remark (AT)	H
Belgium	Local name	Ethylèneglycol (en aérosol)
Belgium	Limit value (mg/m ³)	52 mg/m ³
Belgium	Limit value (ppm)	20 ppm
Belgium	Short time value (mg/m ³)	104 mg/m ³
Belgium	Short time value (ppm)	40 ppm
Belgium	Remark (BE)	D, M
Bulgaria	Local name	Етиленгликол•
Bulgaria	OEL TWA (mg/m ³)	52 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	104 mg/m ³
Croatia	Local name	etandiol; (Etilenglikol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	52 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	20 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	104 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	40 ppm
Croatia	Naznake (HR)	K, EU* Xn
Czech Republic	Local name	Ethylenglykol
Czech Republic	Expoziční limity (PEL) (mg/m ³)	50 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	20 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	100 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	39 ppm
Czech Republic	Remark (CZ)	D
Estonia	Local name	1,2-etaandiool (etüleenglükool)
Estonia	OEL TWA (mg/m ³)	52 mg/m ³
Estonia	OEL TWA (ppm)	20 ppm
Estonia	OEL STEL (mg/m ³)	104 mg/m ³
Estonia	OEL STEL (ppm)	40 ppm
Finland	Local name	1,2-Etaanidioli
Finland	HTP-arvo (8h) (mg/m ³)	50 mg/m ³
Finland	HTP-arvo (8h) (ppm)	20 ppm
Finland	HTP-arvo (15 min)	100 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	40 ppm
France	Local name	Ethylèneglycol (vapeur)
France	VME (mg/m ³)	52 mg/m ³
France	VME (ppm)	20 ppm
France	VLE (mg/m ³)	104 mg/m ³
France	VLE (ppm)	40 ppm
Germany	Local name	Ethandiol
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	26 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm
Germany	Remark (TRGS 900)	DFG,EU,H,Y

Greece	OEL TWA (mg/m ³)	125 mg/m ³
Greece	OEL TWA (ppm)	50 ppm

Exposure controls

Engineering controls: Ensure good ventilation of the work station.

Individual protection measures

Eye/face protection: Use safety glasses (with side shields). If exposure causes eye discomfort, use a full-face respirator.

Skin protection : Wear suitable protective clothing

Hand protection: Use Protective gloves

Other protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Paste
Color	Various.
Odor	characteristic
Flash point	Not applicable
Relative Density (water = 1)	1.57 - 1.63 g/cm ³
Oxidizing properties	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid: None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials: No additional information available

10.6. Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	:	Not classified
Skin corrosion/irritation	:	Not classified
		pH: 7 - 8
Serious eye damage/irritation	:	Not classified
		pH: 7 - 8
Respiratory or skin sensitization	:	Not classified



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Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Aspiration hazard : Not classified

SECTION 12: ECOLOGICAL INFORMATION

11.1. Toxicity

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of contents/container in accordance with licensed collector's sorting instructions

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / AND

14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable



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Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- **Overland transport** Not applicable
- **Transport by sea** Not applicable
- **Air transport** Not applicable
- **Inland waterway transport** Not applicable
- **Rail transport** Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1.1. EU-Regulations



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Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 1 g/l

15.1.2. National regulations

Germany

VwVwS Annex reference :

Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV :

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

Netherlands

SZW-lijst van kankerverwekkende stoffen :

None of the components are listed

SZW-lijst van mutagene stoffen :

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding :

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid :

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling :

None of the components are listed

Denmark

Classification remarks :

Emergency management guidelines for the storage of flammable liquids must be followed

SECTION 16: ADDITIONAL INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral), H302

Acute toxicity (oral), Category 4 Harmful if swallowed