



CHASBKARAN SAHELE ARAS CO.

# MATERIAL SAFETY DATA SHEETS

## FINAL MIRROR SILICONE

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

#### **1.1. Product identifier**

|                 |                         |
|-----------------|-------------------------|
| Product form    | : MIXTURE               |
| Trade name      | : FINAL MIRROR SILICONE |
| Product code    | : 6330 Sealant Alkoxy   |
| Type of product | : SILICONE SEALANT      |
| Product group   | : TRADE PRODUCT         |

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

Intended use: Silicone sealant.

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

Head office: Chasbkaran Sahel Aras Co. 4<sup>th</sup> Floor, No.2, Mahan Bldg, Mojahedi Alley, Tavanir Blvd, Valiasr, Tabriz, Iran

Phone: +98 (41) 4196

info@csa-team.com

[www.chasbkaran.com](http://www.chasbkaran.com)

#### **1.4. Emergency telephone number**

In Case Of Emergency : +98 (41) 4196

### **SECTION 2: HAZARDS IDENTIFICATION**

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

Classification according to Regulation (EC) No 1272/2008, as retained and amended in UK law

Not a hazardous substance or mixture.

#### **2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008, as retained and amended in UK law

Not a hazardous substance or mixture.

#### **Precautionary statements**

P271 Use only outdoors or in a well-ventilated area.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical nature:** Silicone elastomer.

#### **3.1. Mixtures**

This product is a mixture. This product does not contain, in concentrations equal to or greater than those laid down by the REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, any substances presenting a health or environmental hazard (within the meaning of Regulation (EC)



1272/2008, as retained and amended in UK law), nor any substances for which there are workplace exposure limits in place.

## **SECTION 4: FIRST AID MEASURES**

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

#### **General advice:**

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection).

**Inhalation:** Move person to fresh air and keep comfortable for breathing; consult a physician.

**Skin contact:** Wash off with plenty of water.

**Eye contact:** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Ingestion:** Rinse mouth with water. No emergency medical treatment necessary.

### **4.2. Indication of any immediate medical attention and special treatment needed Notes to**

**physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Skin contact may aggravate preexisting dermatitis.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

**Suitable extinguishing media:** Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray.

**Unsuitable extinguishing media:** None known.

### **5.2. Special hazards arising from the substance or mixture**

**Hazardous combustion products:** Carbon oxides. Silicon oxides. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Metal oxides.

**Unusual Fire and Explosion Hazards:** Exposure to combustion products may be a hazard to health.

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

**Fire Fighting Procedures:** Use water spray to cool unopened containers. Evacuate area. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Remove undamaged containers from fire area if it is safe to do so.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.



## **SECTION 6: HANDLING AND STORAGE**

**6.1. Precautions for safe handling:** Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Since emptied containers retain product residue follow all (M)SDS and label warnings even after container is emptied. Use only with adequate ventilation.

**6.2. Conditions for safe storage, including any incompatibilities:** Keep in properly labelled containers. Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents. Unsuitable materials for containers: None known.

## **SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **7.1. Control parameters**

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

### **7.2. Exposure controls**

**Engineering controls:** Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### **Individual protection measures**

**Eye/face protection:** Use safety glasses (with side shields). Safety glasses (with side shields) should be consistent with EN 166 or equivalent.

### **Skin protection**

**Hand protection:** Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended. Glove thickness alone is not a good indicator of the level of protection a glove provides against a chemical substance as this level of protection is also highly dependent on the specific composition of the material that the glove is fabricated from. The thickness of the glove must, depending on model and type of material, generally be more than 0.35 mm to offer sufficient protection for prolonged and frequent contact with the substance. As an exception to this general rule, it is known that multilayer laminate



gloves may offer prolonged protection at thicknesses less than 0.35 mm. Other glove materials with a thickness of less than 0.35 mm may offer sufficient protection when only brief contact is expected.

**NOTICE:** The selection of a specific glove for a particular application and duration of use in a workplace should also take Product name: XIAMETER™ SLT-6330 Sealant Alkoxy Black Revision Date:

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such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**Other protection:** Wear clean, body-covering clothing.

**Respiratory protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator. Use the following CE approved air-purifying respirator: Organic vapor cartridge, type A (boiling point >65 °C, meeting standard EN 14387).

## **SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance

Physical state                      paste

Color                                      transparent

Relative Density (water = 1)      0.99 - 1.05 g/ml

Oxidizing properties                the substance or mixture is not classified as oxidizing

## **SECTION 9: STABILITY AND REACTIVITY**

**9.1. Reactivity:** Not classified as a reactivity hazard.

**9.2. Chemical stability:** Stable under normal conditions.

**9.3. Possibility of hazardous reactions:** Can react with strong oxidizing agents.

**9.4. Conditions to avoid:** None known.

**9.5. Incompatible materials:** Avoid contact with oxidizing materials.

**9.6. Hazardous decomposition products:** Decomposition products can include and are not limited to Formaldehyde.



## **SECTION 10: TOXICOLOGICAL INFORMATION**

### **10.1. Information on toxicological effects**

#### **Information on likely routes of exposure**

Eye contact, Skin contact, Ingestion.

**Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)**

#### **Acute Toxicity Endpoints:**

##### **Acute oral toxicity**

#### **Information for the Product:**

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s):

LD50, > 2,000 mg/kg Estimated.

##### **Acute dermal toxicity**

#### **Information for the Product:**

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):

LD50, > 2,000 mg/kg Estimated.

##### **Acute inhalation toxicity**

#### **Information for the Product:**

Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation.

As product: The LC50 has not been determined.

##### **Skin corrosion/irritation**

#### **Information for the Product:**

Based on information for component(s):

Brief contact is essentially nonirritating to skin.

May cause drying and flaking of the skin.

##### **Serious eye damage/eye irritation**

#### **Information for the Product:**

Based on information for component(s):

May cause slight temporary eye irritation.



May cause mild eye discomfort.

## **SECTION 11: DISPOSAL CONSIDERATIONS**

### **11.1. Waste treatment methods**

Do not dump into any sewers, on the ground, or into any body of water. This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 2008/98/EC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residual materials additional evaluations may be required.

The definitive assignment of this material to the appropriate EWC group and thus its proper EWC code will depend on the use that is made of this material. Contact the authorized waste disposal services.

## **SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicological information appears in this section when such data are available.

|                                                |                    |
|------------------------------------------------|--------------------|
| <b>12.1 Toxicity</b>                           | No data available. |
| <b>12.2 Persistence and degradability</b>      | No data available. |
| <b>12.3 Bioaccumulative potential</b>          | No data available. |
| <b>12.4 Mobility in soil</b>                   | No data available. |
| <b>12.5 Results of PBT and vPvB assessment</b> | No data available. |
| <b>12.6 Other adverse effects</b>              | No data available. |

## **SECTION 13: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:** Follow safe handling advice and personal protective equipment recommendations.

**6.2 Environmental precautions:** Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

**6.3 Methods and materials for containment and cleaning up:** Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.





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## SECTION 14: TRANSPORT INFORMATION

### Classification for ROAD and Rail transport (ADR/RID):

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| UN number or ID number       | Not applicable                                                    |
| UN proper shipping name      | Not regulated for transport                                       |
| Transport hazard class(es)   | Not applicable                                                    |
| Packing group                | Not applicable                                                    |
| Environmental hazards        | Not considered environmentally hazardous based on available data. |
| Special precautions for user | No data available.                                                |

### Classification for SEA transport (IMO-IMDG):

|                                                         |                                                             |
|---------------------------------------------------------|-------------------------------------------------------------|
| UN number or ID number                                  | Not applicable                                              |
| UN proper shipping name                                 | Not regulated for transport                                 |
| Transport hazard class(es)                              | Not applicable                                              |
| Packing group                                           | Not applicable                                              |
| Environmental hazards                                   | Not considered as marine pollutant based on available data. |
| Special precautions for user                            | No data available.                                          |
| Maritime transport in bulk according to IMO instruments | Consult IMO regulations before transporting ocean bulk      |

### Classification for AIR transport (IATA/ICAO):

|                              |                             |
|------------------------------|-----------------------------|
| UN number or ID number       | Not applicable              |
| UN proper shipping name      | Not regulated for transport |
| Transport hazard class(es)   | Not applicable              |
| Packing group                | Not applicable              |
| Environmental hazards        | Not applicable              |
| Special precautions for user | No data available.          |

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container

volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service



representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## **SECTION 15: REGULATORY INFORMATION**

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

#### **UK REACH - UK Statutory Instruments 2019 No.758 as amended**

This product contains only components that have been either registered, notified for downstream user

import (DUIN), are exempt from registration, are regarded as registered or are not subject to registration according to UK Statutory Instruments 2019 No.758 as amended (UK REACH)., Polymers are exempted from registration under REACH. All relevant starting materials and additives have been registered, notified for downstream user import (DUIN) or are exempt from registration according to UK Statutory Instruments 2019 No.758 as amended (UK REACH)., The aforementioned indications of the UK REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied, is given. It is the buyer's/user's responsibility to ensure that his/her understanding of the regulatory status of this product is correct.

#### **Control of Major Accident Hazards Regulations 2015 (COMAH)**

Listed in Regulation: Not applicable

## **SECTION 16: OTHER INFORMATION**

### **Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008**

This product is not classified as dangerous according to EC criteria.