

SCS1000 TRANSLUCENT/24R CTG/0.31KG

# SAFETY DATA SHEET

Classified in accordance with 29 CFR 1910.1200

## 1. Identification

**Product identifier:** SCS1000 TRANSLUCENT/24R CTG/0.31KG

**Other means of identification**

**Synonyms:** Acetoxy Sealant, Contractors Silicone Sealant

**Recommended use and restriction on use**

**Recommended use:** Silicone Elastomer

**Restrictions on use:** Not known.

**Distributor Information** : Interchem Limited  
9th Avenue South, Barataria.

**Telephone** : 1 (868) 235-CHEM (2436)

**Email** : sales@interchem.co.tt

## 2. Hazard(s) identification

**Hazard Classification**

**Health Hazards**

Reproductive toxicity

Category 2

**Label Elements**

**Hazard Symbol:**



**Signal Word:** Warning

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**Hazard Statement:** H361f; Suspected of damaging fertility.

**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** IF exposed or concerned: Get medical advice/attention.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

**Hazard(s) not otherwise classified (HNOC):** None.

**3. Composition/information on ingredients**

**Mixtures**

| Chemical Identity            | CAS number  | Content in percent (%)* | Notes                                             |
|------------------------------|-------------|-------------------------|---------------------------------------------------|
| Silica                       | 112945-52-5 | 5 - <10%                | # This substance has workplace exposure limit(s). |
| Octamethylcyclotetrasiloxane | 556-67-2    | 0.1 - <1%               | No data available.                                |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water.

**Inhalation:** If inhaled, move to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

**Skin Contact:** To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation occurs: Get medical advice/attention.

**Eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Most important symptoms/effects, acute and delayed**

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**Symptoms:** Treatment is symptomatic and supportive.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Treat symptomatically

**5. Fire-fighting measures**

**General Fire Hazards:** Use standard firefighting procedures and consider the hazards of other involved materials.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Extinguish with foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media:** water jet

**Specific hazards arising from the chemical:** In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Pay attention to the corrosive effects arising from contact with water. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**Special protective equipment and precautions for fire-fighters**

**Special fire-fighting procedures:** Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with skin and eyes. Use only in well-ventilated areas. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases acetic acid during application and curing. Attention: Not for injection into humans. Keep out of reach of children. See Section 8 of the SDS for Personal Protective Equipment.

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**Methods and material for containment and cleaning up:**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**7. Handling and storage**

**Precautions for safe handling:**

Sensitivity to static discharge is not expected.

**Conditions for safe storage, including any incompatibilities:**

Keep away from heat, sparks and open flame.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity              | Type    | Exposure Limit Values                          | Source                                                                                                 |
|--------------------------------|---------|------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Silica                         | TWA     | 20 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)                                               |
|                                | TWA     | 0.8 mg/m <sup>3</sup>                          | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)                                               |
| Silica - Inhalable particles.  | TWA     | 10 mg/m <sup>3</sup>                           | US. ACGIH Threshold Limit Values, as amended (01 2021)                                                 |
| Silica - Respirable particles. | TWA     | 3 mg/m <sup>3</sup>                            | US. ACGIH Threshold Limit Values, as amended (01 2021)                                                 |
| Silica - Total dust.           | TWA     | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                                             |
| Silica - Respirable fraction.  | TWA     | 5 mg/m <sup>3</sup>                            | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                                             |
| Silica - Total dust.           | TWA PEL | 10 mg/m <sup>3</sup>                           | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (12 2017) |
| Silica - Respirable fraction.  | TWA PEL | 5 mg/m <sup>3</sup>                            | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (12 2017) |
| Silica - Total dust.           | TWA     | 50 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (09 2016)                                            |
| Silica - Respirable fraction.  | TWA     | 15 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (09 2016)                                            |
|                                | TWA     | 5 mg/m <sup>3</sup>                            | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (09 2016)                                            |
| Silica - Total dust.           | TWA     | 15 mg/m <sup>3</sup>                           | US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (09 2016)                                            |

**Appropriate Engineering Controls**

Eye wash facilities and emergency shower must be available when handling this product. Use only in well-ventilated areas.

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**Individual protection measures, such as personal protective equipment (PPE)**

|                                |                                                                                                                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>    | Wear suitable gloves and eye/face protection.                                                                                                                                                                                                                                      |
| <b>Eye/face protection:</b>    | Safety glasses with side shields                                                                                                                                                                                                                                                   |
| <b>Skin Protection</b>         |                                                                                                                                                                                                                                                                                    |
| <b>Hand Protection:</b>        | Rubber gloves are recommended.                                                                                                                                                                                                                                                     |
| <b>Other:</b>                  | Wear suitable protective clothing and eye/face protection.                                                                                                                                                                                                                         |
| <b>Respiratory Protection:</b> | If inhalation exposure is expected, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134). |
| <b>Hygiene measures:</b>       | Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation, especially in confined areas. Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke.                     |

**9. Physical and chemical properties**

**Appearance**

|                                                 |                     |
|-------------------------------------------------|---------------------|
| <b>Physical state:</b>                          | solid               |
| <b>Form:</b>                                    | Paste               |
| <b>Color:</b>                                   | No data available.  |
| <b>Odor:</b>                                    | Acetic acid.        |
| <b>Odor threshold:</b>                          | No data available.  |
| <b>pH:</b>                                      | No data available.  |
| <b>Melting point/freezing point:</b>            | No data available.  |
| <b>Initial boiling point and boiling range:</b> | No data available.  |
| <b>Flash Point:</b>                             | > 93 °C (estimated) |
| <b>Evaporation rate:</b>                        | No data available.  |
| <b>Flammability (solid, gas):</b>               | No data available.  |

**Upper/lower limit on flammability or explosive limits**

|                                        |                    |
|----------------------------------------|--------------------|
| <b>Flammability limit - upper (%):</b> | No data available. |
| <b>Flammability limit - lower (%):</b> | No data available. |
| <b>Explosive limit - upper:</b>        | No data available. |
| <b>Explosive limit - lower:</b>        | No data available. |
| <b>Heat of combustion:</b>             | No data available. |
| <b>Vapor pressure:</b>                 | No data available. |
| <b>Vapor density:</b>                  | No data available. |
| <b>Density:</b>                        | No data available. |
| <b>Relative density:</b>               | No data available. |

**Solubility(ies)**

SDS\_US

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|                                                         |                    |
|---------------------------------------------------------|--------------------|
| <b>Solubility in water:</b>                             | No data available. |
| <b>Solubility (other):</b>                              | Insoluble          |
| <b>Partition coefficient (n-octanol/water) Log Pow:</b> | No data available. |
| <b>Auto-ignition temperature:</b>                       | No data available. |
| <b>Decomposition temperature:</b>                       | No data available. |
| <b>SADT:</b>                                            | No data available. |
| <b>Viscosity, dynamic:</b>                              | No data available. |
| <b>Viscosity, kinematic:</b>                            | No data available. |
| <b>VOC:</b>                                             | 36 g/l ;           |

## 10. Stability and reactivity

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | No dangerous reaction if used as recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Possibility of hazardous reactions:</b> | Under normal conditions of storage and use, hazardous polymerization will not occur.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Conditions to avoid:</b>                | Keep away from moisture.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Incompatible Materials:</b>             | Strong Acids, Strong Bases Water.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Hazardous Decomposition Products:</b>   | Carbon dioxide Acetic acid. Silicon dioxide. Formaldehyde. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and has been classified by the National Toxicology Program as a known human carcinogen. An (M)SDS for formaldehyde is available from Momentive. |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |                    |
|----------------------|--------------------|
| <b>Ingestion:</b>    | No data available. |
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |

### Symptoms related to the physical, chemical and toxicological characteristics

|                    |                    |
|--------------------|--------------------|
| <b>Ingestion:</b>  | No data available. |
| <b>Inhalation:</b> | No data available. |

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**Skin Contact:** No data available.

**Eye contact:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Octamethylcyclotetrasiloxane LD 50 (Rat): > 4,800 mg/kg

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Octamethylcyclotetrasiloxane LD 50 (Rat): > 2,375 mg/kg

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Octamethylcyclotetrasiloxane LC50 (Rat): 36 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:**

No carcinogenic components identified

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**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s):**

Octamethylcyclotetrasiloxane  
Ames-Test (OECD-Guideline 471): negative (not mutagenic)  
Mouse Lymphoma Assay (OECD Guideline 476): negative (not mutagenic)

**In vivo**

**Product:** No data available.

**Specified substance(s):**

Octamethylcyclotetrasiloxane  
Chromosomal aberration (OECD 475) Inhalation (Rat, male and female): negative  
Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** Acetic acid released during curing. None.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

Octamethylcyclotetrasiloxane  
No toxicity at the limit of solubility ; LC50 (Oncorhynchus mykiss, 96 h): > 0.022 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

Octamethylcyclotetrasiloxane  
No toxicity at the limit of solubility ; EC50 (Daphnia magna, 48 h): > 0.015 mg/l

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**Chronic hazards to the aquatic environment:****Fish****Product:** No data available.**Specified substance(s):**Octamethylcyclotetrasiloxane No toxicity at the limit of solubility ; NOEC (Oncorhynchus mykiss, 93 d):  $\geq$  0.0044 mg/l**Aquatic Invertebrates****Product:** No data available.**Specified substance(s):**Octamethylcyclotetrasiloxane No toxicity at the limit of solubility ; NOEC (Daphnia magna, 21 d):  $> 0.015$  mg/l**Toxicity to Aquatic Plants****Product:** No data available.**Specified substance(s):**Octamethylcyclotetrasiloxane No toxicity at the limit of solubility ; ErC50 (Selenastrum capricornutum, 96 h):  $> 0.022$  mg/l**Persistence and Degradability****Biodegradation****Product:** No data available.**Specified substance(s):**Octamethylcyclotetrasiloxane 3.7 % (29 d, 310 Ready Biodegradability - CO<sub>2</sub> in Sealed Vessels (Headspace Test)) Not readily biodegradable.**BOD/COD Ratio****Product:** No data available.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Specified substance(s):**

Octamethylcyclotetrasiloxane Bioconcentration Factor (BCF): 12,400

**Partition Coefficient n-octanol / water (log K<sub>ow</sub>)****Product:** No data available.**Mobility in soil:** No data available.

**SCS1000 TRANSLUCENT/24R CTG/0.31KG****Known or predicted distribution to environmental compartments**

|                              |                    |
|------------------------------|--------------------|
| Silica                       | No data available. |
| Octamethylcyclotetrasiloxane | No data available. |

**Other adverse effects:** No data available.

**13. Disposal considerations**

|                                |                                                                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>    | The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground. |
| <b>Disposal instructions:</b>  | Disposal should be made in accordance with federal, state and local regulations.                                                                                                                                      |
| <b>Contaminated Packaging:</b> | Dispose of as unused product.                                                                                                                                                                                         |

**14. Transport information****DOT**

Not Regulated.

**IATA**

Not Regulated.

**IMDG Code**

Not Regulated.

**Special precautions for user:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

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

Product is not transported in bulk.

**15. Regulatory information****US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

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**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

| <u>Chemical Identity</u>                              | <u>Reportable quantity</u> |
|-------------------------------------------------------|----------------------------|
| Acetic acid                                           | 5,000 lbs.                 |
| None present or none present in regulated quantities. |                            |

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Reproductive toxicity

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

None present or none present in regulated quantities.

**US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. Massachusetts RTK - Substance List**

| <u>Chemical Identity</u> |
|--------------------------|
| Silica                   |

**US. Pennsylvania RTK - Hazardous Substances**

| <u>Chemical Identity</u> |
|--------------------------|
| Silica                   |

**US. Rhode Island RTK**

| <u>Chemical Identity</u> |
|--------------------------|
| Silica                   |

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**Inventory Status:**

|                                          |                                                                                                                                                                                                                                                                                                                                                                  |                                    |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Australia Industrial Chem. Act (AIIC):   | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| Canada DSL Inventory List:               | Q (quantity restricted)                                                                                                                                                                                                                                                                                                                                          | Remarks: None.                     |
| Canada NDSL Inventory:                   | Not in compliance with the inventory.                                                                                                                                                                                                                                                                                                                            | Remarks: None.                     |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| Japan (ENCS) List:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| Korea Existing Chemicals Inv. (KECI):    | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| New Zealand Inventory of Chemicals:      | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| Philippines PICCS:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| Taiwan Chemical Substance Inventory:     | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                     |
| US TSCA Inventory:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: Commercial Status: Active |
| REACH:                                   | If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants. | Remarks: None.                     |

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

|                            |          |          |
|----------------------------|----------|----------|
| <b>Health</b>              | <b>*</b> | <b>2</b> |
| <b>Flammability</b>        |          | <b>1</b> |
| <b>Physical Hazards</b>    |          | <b>1</b> |
| <b>PERSONAL PROTECTION</b> |          |          |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 04/03/2025

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**Revision Date:** No data available.

**Version #:** 2.2

**Further Information:** No data available.

**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

**Further Information**

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.

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