

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** Silsoft™ 034 Fluid

**Other means of identification**

**Synonyms:** Alkyl Modified Trisiloxane

**Recommended use and restriction on use**

**Recommended use:** Industrial use Component in personal care products

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials - Sistersville  
10851 Energy Highway  
FRIENDLY WV 26146

**Contact person** : commercial.services@momentive.com

**Telephone** : General information  
+1-800-295-2392

**Emergency telephone number**  
**Supplier** : CHEMTREC  
1-800-424-9300

## 2. Hazard(s) identification

**Hazard Classification**

Not classified

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary Statements** : Not applicable

**Other hazards which do not result in GHS classification:** None.

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### 3. Composition/information on ingredients

#### Substances

**Composition Comments:** The components are not hazardous or are below required disclosure limits.

### 4. First-aid measures

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice. Never give liquid to an unconscious person.

**Inhalation:** Move to fresh air. Get medical attention if symptoms persist.

**Skin Contact:** Wash area with soap and water. Get medical attention if symptoms occur.

**Eye contact:** In the event of contact with the eyes, rinse thoroughly with clean water. Get medical attention if any discomfort continues.

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

**Symptoms:** No data available.

**Hazards:** No data available.

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

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

### 5. Fire-fighting measures

**General Fire Hazards:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**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. 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 firefighters

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**Special fire fighting procedures:**

Keep away from sources of ignition - No smoking. All equipment used when handling the product must be grounded.

**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:**

Caution: Contaminated surfaces may be slippery. Keep unprotected persons away. Avoid contact with skin and eyes. Use personal protective equipment. Keep out of reach of children.

**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.

**Notification Procedures:**

Remove sources of ignition. Pay attention to the risk of combustion by fire or other sources of ignition.

**Environmental Precautions:**

Do not allow runoff to sewer, waterway or ground.

### 7. Handling and storage

**Precautions for safe handling:**

Sensitivity to static discharge is not expected. Do not get in eyes, on skin, on clothing. Do not taste or swallow. See Section 8 of the SDS for Personal Protective Equipment.

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

Keep in a cool, ventilated location far from heat source and flame. Keep container closed. Use original container or packaging of similar material of construction.

### 8. Exposure controls/personal protection

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls**

Provide eyewash station and safety shower. Local exhaust is recommended. Observe good industrial hygiene practices.

**Individual protection measures, such as personal protective equipment**

**General information:**

No data available.

**Eye/face protection:**

Safety glasses with side shields

**Skin Protection**

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|                                |                                                                                                                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hand Protection:</b>        | Use chemical-resistant, impervious gloves.                                                                                                                                                                                                                                         |
| <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. Wash hands after handling. When using do not eat, drink or smoke.                                                                                                                                                                     |

## 9. Physical and chemical properties

### Appearance

|                                                              |                                       |
|--------------------------------------------------------------|---------------------------------------|
| <b>Physical state:</b>                                       | liquid                                |
| <b>Form:</b>                                                 | liquid                                |
| <b>Color:</b>                                                | Colorless                             |
| <b>Odor:</b>                                                 | Mild                                  |
| <b>Odor threshold:</b>                                       | No data available.                    |
| <b>pH:</b>                                                   | No data available. No data available. |
| <b>Melting point/freezing point:</b>                         | -62 °C                                |
| <b>Initial boiling point and boiling range:</b>              | 285 °C (1,013 hPa)                    |
| <b>Flash Point:</b>                                          | 110 °C (ASTM D 93)                    |
| <b>Evaporation rate:</b>                                     | < 1                                   |
| <b>Flammability (solid, gas):</b>                            | No data available.                    |
| <b>Upper/lower limit on flammability or explosive limits</b> |                                       |
| <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>                                       | < 1.33 hPa (20 °C)                    |
| <b>Vapor density:</b>                                        | > 1                                   |
| <b>Density:</b>                                              | 0.8350 g/cm <sup>3</sup> (25 °C)      |
| <b>Relative density:</b>                                     | 0.8350 (25 °C)                        |
| <b>Solubility(ies)</b>                                       |                                       |
| <b>Solubility in water:</b>                                  | Insoluble                             |
| <b>Solubility (other):</b>                                   | No data available.                    |
| <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.                    |

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**Viscosity, dynamic:** No data available.  
**Viscosity, kinematic:** No data available.  
**VOC:** ; Not determined.

**10. Stability and reactivity**

**Reactivity:** No dangerous reaction if used as recommended.

**Chemical Stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous polymerization will not occur.

**Conditions to avoid:** None known.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** In case of fire, gives off (emits): Carbon dioxide Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**11. Toxicological information**

**Information on likely routes of exposure**

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

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

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Information on toxicological effects**

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

**Oral**  
**Product:** LD 50 (Rat): > 5,000 mg/kg

**Dermal**

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**Product:** LD 50 (Rabbit): > 2,000 mg/kg

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

**Repeated dose toxicity Product:** NOAEL (Rat, Oral, 28 d): 1,000 mg/kg

**Skin Corrosion/Irritation Product:** Draize (Rabbit): No skin irritation

**Serious Eye Damage/Eye Irritation Product:** Draize (Rabbit): No eye irritation

**Respiratory or Skin Sensitization Product:** , OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig) Did not cause sensitization on laboratory animals.

**Carcinogenicity Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**  
No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**  
No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**  
No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro Product:** Ames-Test: negative

**In vivo Product:** Micronucleus test (mouse): 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.

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**Other effects:** Animal toxicity studies indicate a very low order of acute toxicity following a single peroral dose or skin penetration, minor transient skin irritation following a 4-hour contact period, and minor transient eye irritation (conjunctival redness and discharge) with no corneal injury or iritis. This material was not mutagenic in an Ames bacterial assay.

|                                   |
|-----------------------------------|
| <b>12. Ecological information</b> |
|-----------------------------------|

**Ecotoxicity:****Acute hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability****Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential****Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

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

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**13. Disposal considerations**

|                                |                                                                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>    | The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment. |
| <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.

**IMDG**

Not regulated.

**IATA**

Not regulated.

|                                      |                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Special precautions for user:</b> | This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|

**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.

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

None present or none present in regulated quantities.

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

**Hazard categories**

Not classified

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

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**SARA 304 Emergency Release Notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous Chemical**

None present or none present in regulated quantities.

**SARA 313 (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. New Jersey Worker and Community Right-to-Know Act**

**Chemical Identity**

1,1,1,3,5,5,5-Heptamethyl-3-octyltrisiloxane

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

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**Inventory Status:**

|                                          |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                         |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Australia AICS:                          | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| Canada DSL Inventory List:               | None of the active ingredients are listed in DSL but all such components are listed in NDSL                                                                                                                                                                                                                                                                      | Remarks: None.                                                                                          |
| EINECS, ELINCS or NLP:                   | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| Japan (ENCS) List:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| Korea Existing Chemicals Inv. (KECI):    | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| Canada NDSL Inventory:                   | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: Please contact your supplier for further information on the inventory status of this material. |
| Philippines PICCS:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| US TSCA Inventory:                       | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| New Zealand Inventory of Chemicals:      | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| Taiwan Chemical Substance Inventory:     | On or in compliance with the inventory                                                                                                                                                                                                                                                                                                                           | Remarks: None.                                                                                          |
| 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>              | <input type="text" value="0"/> |
| <b>Flammability</b>        | <input type="text" value="1"/> |
| <b>Physical Hazards</b>    | <input type="text" value="0"/> |
| <b>PERSONAL PROTECTION</b> | <input type="text"/>           |

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

**Issue Date:** 08/05/2020  
**Revision Date:** No data available.  
**Version #:** 3.0  
**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 safehandling, 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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