

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by
Regulation(EU) No. 2020/878

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

1.1 Product identifier

Product name: SilForce™ UV9400

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

Identified uses: Paper release product

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Amer Ind.
260 Hudson River Road
Waterford NY 12188

Contact person : commercial.services@momentive.com

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

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

2.2 Label Elements Not applicable
Additional Information: No data available.

SilForce™ UV9400**2.3 Other hazards****PBT/vPvB data**

vPvB: very persistent and very bioaccumulative substance.

Endocrine disrupting properties-Toxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-Ecotoxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Chemical nature: Epoxysiloxane

3.2 Mixtures

General information: No hazardous ingredients.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move to fresh air. Get medical attention if any discomfort continues.

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

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.

Ingestion: Do NOT induce vomiting. Do not give victim anything to drink if he is unconscious. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

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

SECTION 5: Firefighting measures

General Fire Hazards: 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. Use water spray to keep fire-exposed containers cool. Move containers from fire area if you can do so without risk.

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- 5.1 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.
- 5.2 Special hazards arising from the substance or mixture:** In case of fire, carbon monoxide and carbon dioxide may be formed.
- 5.3 Advice for firefighters**
Special fire-fighting procedures: Static electricity and formation of sparks must be prevented. All equipment used when handling the product must be grounded.
- Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep container tightly closed and in a well-ventilated place. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with skin and eyes. Static electricity and formation of sparks must be prevented.
- 6.2 Environmental Precautions:** Prevent runoff from entering drains, sewers, or streams.
- 6.3 Methods and material for containment and cleaning up:** Collect spillage with granulates, sawdust, rags or other absorbent. Clean surface thoroughly to remove residual contamination.
- 6.4 Reference to other sections:** Prevent entry into waterways, sewer, basements or confined areas.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands after handling.
- Storage conditions:** Store in original container. Protect against direct sunlight.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a well-ventilated place. Keep away from sources of ignition - No smoking.
- Storage Stability:** Stable
- 7.3 Specific end use(s):** No data available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control Parameters**
Occupational Exposure Limits None of the components have assigned exposure limits.
- Biological Limit Values** None.

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8.2 Exposure controls

Appropriate Engineering Controls:

Use only in well-ventilated areas. Eye washes and showers for emergency use.

Individual protection measures, such as personal protective equipment

General information:

When using do not eat, drink or smoke. Wash hands after handling. Avoid contact with skin and eyes.

Eye/face protection:

Safety glasses with side-shields conforming to EN166

Skin protection

Hand Protection:

Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Other:

No data available.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection mask with Filtertype ABEK

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using the product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls:

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:

liquid

Form:

liquid

Color:

Colorless

Odor:

Faint

Odor Threshold:

No data available.

pH:

No data available.

Freezing point:

No data available.

Boiling Point:

No data available.

Flash Point:

> 121 °C

Evaporation Rate:

No data available.

Flammability (solid, gas):

No data available.

Flammability Limit - Upper (%):

No data available.

Flammability Limit - Lower (%):

No data available.

Vapor pressure:

No data available.

Relative vapor density:

No data available.

Density:

ca. 0,99 g/cm3

Relative density:

No data available.

Solubility(ies)

Solubility in Water:

No data available.

Solubility (other):

No data available.

Partition coefficient (n-octanol/water) Log Pow:

No data available.

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Autoignition Temperature:	No data available.
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	225 mPa·s (25 °C)
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Material is stable under normal conditions.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerization does not occur.
10.4 Conditions to avoid:	None known. Keep away from sources of ignition - No smoking.
10.5 Incompatible Materials:	None known.
10.6 Hazardous Decomposition Products:	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

General information:	Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.
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Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	LD 50 (Rat): > 5.000 mg/kg (OECD-Guideline 401 (Acute Oral Toxicity)) The health hazard evaluation is based on the toxicological properties of a similar material.
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Specified substance(s)

Dermal

Product:	LD 50 (Rat): > 2.000 mg/kg (OECD-Guideline 402 (Acute Dermal Toxicity)) Not classified The health hazard evaluation is based on the toxicological properties of a similar material.
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Specified substance(s)

Inhalation

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

Specified substance(s)

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Skin Corrosion/Irritation:

Product: (Rabbit): Non irritating The health hazard evaluation is based on the toxicological properties of a similar material.

Specified substance(s)

Serious Eye Damage/Eye Irritation:

Product: (Rabbit): Non irritating The health hazard evaluation is based on the toxicological properties of a similar material.

Specified substance(s)

Respiratory or Skin

Sensitization:

Product: No data available.

Specified substance(s)

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Carcinogenicity

Product: No data available.

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.

11.2 Information on other hazards

Endocrine disrupting properties

Product: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;

Other effects: No data available.

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SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic Toxicity

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

12.3 Bioaccumulative potential

Product: No data available.

12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

12.5 Results of PBT and vPvB assessment:

vPvB: very persistent and very bioaccumulative substance.

12.6 Endocrine disrupting properties:

Product:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects:

Other hazards

Product: No data available.

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Additional Information: Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: 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.

Disposal methods: Can be incinerated when in compliance with local regulations.

SECTION 14: Transport information

ADR

Not regulated.

ADN

Not regulated.

RID

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

14.6 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. Keep away from foodstuffs and animal feed.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:

Not applicable

SECTION 15: Regulatory information

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

EU Regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

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Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:
none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):
none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:
none

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I: None present or none present in regulated quantities.

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:
none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:
none

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:	Not in compliance with the inventory.	Remarks: None.
Canada DSL Inventory List:	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):	Not in compliance with the inventory.	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	Not in compliance with the inventory.	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: Commercial Status: Active
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.

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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.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3: none

Training information: No data available.

Issue Date: 20.11.2022

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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