

SCS2000N

SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product name: SCS2000N

Recommended use: Industrial use

Limitations on use: None known.

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

2 HAZARDS IDENTIFICATION

GHS classification:

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

GHS label elements:

Not applicable

Other hazards which do not result in classification:

Primary hazards: No data available.

Specific hazards: No data available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature: Silicone sealant

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Substance or Preparation:

Mixtures

Hazardous ingredients:

Chemical Identity	CAS number	Concentration*
CALCIUM CARBONATE	1317-65-3	30 - 60%
Silane, dichlorodimethyl-, reaction products with silica	68611-44-9	<10%
TITANIUM DIOXIDE	13463-67-7	<10%
Carbon Black	1333-86-4	<10%

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

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

4 FIRST AID MEASURES

Inhalation:	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Eye contact:	In the event of contact with the eyes, rinse thoroughly with clean water. Get medical attention if symptoms occur.
Skin Contact:	After contact with skin, remove product mechanically. Get medical attention if symptoms occur. Wash area with soap and water.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention if symptoms occur.
Likely Acute or Delayed Symptoms/Effects	Treatment is symptomatic and supportive.
Notes to the physician:	Treatment is symptomatic and supportive.

5 FIRE-FIGHTING MEASURES

Extinguishing media:	All standard extinguishing agents are suitable.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
Specific hazard arising from the chemical:	In case of fire, carbon monoxide and carbon dioxide may be formed.

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Special fire fighting procedures:

Use standard firefighting procedures and consider the hazards of other involved materials. Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above. Cool surrounding tanks, buildings and so on by spraying with water to prevent the fire extension.

The fire fighting should be done from the windward side, with suitable respiratory protective device, if necessary.

Special protective action for fire fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Keep unprotected persons away. Use personal protective equipment. Remove sources of ignition. Keep upwind.

Environmental Precautions:

Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up:

Sweep up or vacuum up spillage and collect in suitable container for disposal.

Notification Procedures:

No data available.

7 HANDLING AND STORAGE

Precautions for safe handling:

Wear suitable protective clothing, gloves and eye/face protection. Keep away from sources of ignition - No smoking. Ground container and transfer equipment to eliminate static electric sparks.

Condition for safe storage, including any incompatibilities:

Store in a dark, cool place indoors, with container tightly closed.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriated engineering control measures:

No data available.

Occupational Exposure Limits:

Chemical name	Type	Exposure Limit Values	Source
CALCIUM CARBONATE	TWA	10 mg/m ³	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
TITANIUM DIOXIDE	TWA	10 mg/m ³	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
Carbon Black	TWA	3.5 mg/m ³	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
	TWA	3.5 mg/m ³	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

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Personal protective equipment (ppe)

Respiratory Protection:	Use only in well-ventilated areas.
Eye Protection:	Safety glasses with side shields
Hand Protection:	Chemical resistant gloves
Skin Protection:	Chemical resistant clothing Chemical resistant boots
Hygiene measures:	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

Physical state:	solid
Form:	solid
Color:	Dark gray
Odor:	Negligible
Odor Threshold:	No data available.
pH:	No data available.
Melting Point:	No data available.
Boiling Point:	No data available.
Flash Point:	93.3 °C (ASTM D 93)
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: 1.4 g/cm³ (25 °C)

Relative density: 1.4 (25 °C)

Solubility(ies)

Solubility in Water: Insoluble

Solubility (other): Organic solvent.: (25 °C) Soluble

Partition coefficient (n-octanol/water) Log Pow: No data available.

Autoignition Temperature: No data available.

Decomposition Temperature: No decomposition if stored and applied as directed.

SADT: No data available.

Viscosity, dynamic: No data available.

Viscosity, kinematic: No data available.

Explosive properties: No data available.

Oxidizing properties: No data available.

10 STABILITY AND REACTIVITY

Incompatible Materials: Peroxides. Acids. Water. Bases.

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Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid:	Heat. Water, moisture.
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.

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.

Information on toxicological effects

Acute toxicity

Oral

Product:	Not classified for acute toxicity based on available data.
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Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	LD 50 (Rat): > 10,000 mg/kg
Carbon Black	No data available.

Dermal

Product:	Not classified for acute toxicity based on available data.
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Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	LD 50 (Rabbit): > 10,000 mg/kg
Carbon Black	No data available.

Inhalation

Product:	Not classified for acute toxicity based on available data.
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Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	LC50 (Rat, 4 h): > 6.8 mg/l
Carbon Black	No data available.

Repeated dose toxicity

Product:	No data available.
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Specified substance(s)

CALCIUM CARBONATE	No data available.
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Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	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.

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

In vivo

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE TITANIUM DIOXIDE	No data available.
Carbon Black Carbon Black	No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

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CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

Metabolism: No data available.

Other effects: No data available.

12 ECOLOGICAL INFORMATION

General information: Not applicable

Ecotoxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s):

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	LC0 (Leuciscus idus, 48 h): > 1,000 mg/l
Carbon Black	No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s):

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.
Carbon Black	No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s):

CALCIUM CARBONATE	No data available.
Silane, dichlorodimethyl-, reaction products with silica	No data available.
TITANIUM DIOXIDE	No data available.

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Carbon Black No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s):

CALCIUM CARBONATE No data available.

Silane, dichlorodimethyl-, No data available.

reaction products with silica

TITANIUM DIOXIDE No data available.

Carbon Black 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.

Specified substance(s):

CALCIUM CARBONATE No data available.

Silane, dichlorodimethyl-, No data available.

reaction products with silica

TITANIUM DIOXIDE No data available.

Carbon Black No data available.

Bioaccumulative potential

Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

CALCIUM CARBONATE No data available.

Silane, dichlorodimethyl-, No data available.

reaction products with silica

TITANIUM DIOXIDE No data available.

Carbon Black No data available.

Results of PBT and vPvB assessment: No data available.

CALCIUM CARBONATE No data available.

Silane, dichlorodimethyl-, No data available.

reaction products with silica

TITANIUM DIOXIDE No data available.

Carbon Black No data available.

Other adverse effects: No data available.

13 Disposal considerations

General information: Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

The generation of waste should be avoided or minimized wherever possible. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

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14 TRANSPORT INFORMATION

ADR/RID

Not regulated.

IMDG - International Maritime Dangerous Goods Code

Not regulated.

IATA

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. Keep away from food, drink and animal feeding stuffs.

15 REGULATORY INFORMATION

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

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Fire Safety (Petroleum and Flammable Materials) Regulations

Not applicable

Applicable regulations:

Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended

16 OTHER INFORMATION

Inventory Status

Australia AICS:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inv. Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	n (negative listing)	Remarks: None.
Canada NDSL Inventory:	n (negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: None.
Taiwan Chemical Substance Inventory:	y (positive listing)	Remarks: None.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.

OTHER INFORMATION: Wear suitable protective clothing, gloves and eye/face protection.

Revision Information: ARGLO_INVSTSARGHS_SG
Issue Date: 2021/02/04

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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.

Wear suitable protective clothing, gloves and eye/face protection.

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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