

SCS9000 BLACK-03/SAUSP/591ML-0.83KG-NT

SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

1. Identification of the substance or mixture and of the supplier

GHS Product identifier: SCS9000 BLACK-03

Recommended use of the chemical and restrictions on use

Recommended use: Silicone Elastomer

Recommended restrictions: Not known.

Supplier's details

Manufacturer/Importer/Distributor Information : Momentive Performance Materials (Shanghai) Trading Co., Ltd.
No. 227 Libing Road Zhangjiang Hi-tech Park, Pudong
201203 Shanghai
China

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Emergency telephone number : +86-532-8388-9090(NRCC)/400 120 6011 (Carechem24)

Responsible Department : Product Stewardship & Compliance

2. Hazard(s) identification

Emergency Overview

Appearance

Color: Black

Form: Paste

Physical state: solid

GHS classification of substance or mixture, and national or regional information

Not classified

GHS label elements

Hazard symbol(s): No symbol

Signal Word: Not available.

Hazard Statement(s): Not applicable

Precautionary statement(s): Not applicable

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

Supplemental label information None.

3. Composition/information on ingredients

Chemical nature: Mixture of polydimethylsiloxanes, fillers and cross-linkers.

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
CALCIUM CARBONATE	1317-65-3	20 - <50%
Carbon Black	1333-86-4	0.1 - <1%
Titanate Catalyst	Trade secret	0.1 - <1%
QUARTZ	14808-60-7	0.1 - <1%

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

Trade secret information: ** A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

(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

Description of necessary first-aid measures

Inhalation:	If inhaled, move victim to fresh air and seek medical attention.
Skin Contact:	After contact with skin, remove product mechanically. Wash area with soap and water. Get medical attention.
Eye contact:	Rinse the eye with water immediately. If eye irritation persists: Get medical advice/attention.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Consult a physician for specific advice.
Personal Protection for First-aid Responders:	No data available.

Most important symptoms/effects, acute and delayed

Symptoms:	Treatment is symptomatic and supportive.
Hazards:	No data available.

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Notes to physician

Treatment: No data available.

5. Fire-fighting 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.

Means of fire extinguishing

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: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Move container from fire area if it can be done without risk. Cool fire-endangered containers with water.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep container closed. Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases methanol during application and curing. Keep out of reach of children.

For non-emergency personnel: Do not allow runoff to sewer, waterway or ground.

For emergency responders: Do not allow runoff to sewer, waterway or ground.

Environmental Precautions: Do not allow runoff to sewer, waterway or ground.

Methods and material for containment and cleaning up: Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.

7. Handling and storage

Precautions for safe handling: Keep away from sources of ignition - No smoking.

Conditions for safe storage, including any incompatibilities: Store in the low moisture, dark, cool place below 27°C Keep container closed.

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8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
CALCIUM CARBONATE	PC-TWA	4 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	8 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
Carbon Black	PC-TWA	4 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	4 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
QUARTZ	PC-TWA	0.7 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	1 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	0.3 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	0.7 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	0.5 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)
	PC-TWA	0.2 mg/m3	China. OELs (Occupational Exposure Limits for Hazardous Agents in the Workplace) (GBZ 2.1), as amended (03 2008)

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.

Biological Limit Values

None of the components have assigned exposure limits.

Appropriate Engineering Controls:

Eye wash facilities and emergency shower must be available when handling this product. Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

Individual protection measures, such as personal protective equipment

General information: Wear suitable gloves and eye/face protection.

Eye/face protection: Safety glasses with side shields

Skin Protection

Hand Protection: Rubber gloves are recommended.

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Other:	Chemical resistant clothing Wear rubber boots.
Respiratory Protection:	Gas mask with organic vapor canister and dust and mist filter.
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:	Paste
Color:	Black

Odor:	No data available.
Odor threshold:	No data available.
pH:	Not applicable
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	> 93.3 °C (estimated)
Evaporation rate:	< 1
Flammability (solid, gas):	No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.

Vapor pressure:	No data available.
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Vapor density:	Negligible
Density:	ca. 1.4 g/cm ³
Relative density:	ca. 1.4

Solubility(ies)

Solubility in water:	Insoluble
Solubility (other):	Insoluble

Partition coefficient (n-octanol/water) Log Pow:	No data available.
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Auto-ignition 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:	> 7 mm ² /s (40 °C)
Specific gravity:	No data available.

10. Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
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Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Keep away from moisture. Keep away from heat, sparks and open flame.
Incompatible Materials:	The catalysis of strong acids or bases cause polymerization or decomposition.
Hazardous Decomposition Products:	Carbon dioxide Silicon dioxide. Formaldehyde. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.
Other information:	No data available.

11. Toxicological information

Information on likely routes of exposure

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

Symptoms related to the physical, chemical and toxicological characteristics

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

Information on toxicological effects

Acute toxicity

Oral Product:	ATEmix: 32,632.2 mg/kg
Dermal Product:	No data available.
Inhalation Product:	No data available.

Repeated dose toxicity

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Product: No data available.

Skin irritation and corrosion

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Specified substance(s)

CALCIUM CARBONATE	No data available.
Carbon Black	No data available.
Titanate Catalyst	No data available.
QUARTZ	No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

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.

Other effects: No data available.

12. Ecological information

Ecotoxicity

Acute hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

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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

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

CALCIUM CARBONATE No data available.

Carbon Black No data available.

Titanate Catalyst No data available.

QUARTZ 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

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

Contaminated Packaging: Dispose of as unused product.

14. Transport information

National Regulations

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China RTDG

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

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

Not applicable

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. Protect from moisture. Keep away from food, foodstuff, acids and bases. keep away from odour sensitive materials

15. Regulatory information

National Regulations

The following regulations, rules or standards set forth the requirement for the classification, labeling, use, handling, storage and transportation of chemicals.

Regulations on Safety Administration of Hazardous Chemicals, Decree No.591 of the State Council

Catalogue of Hazardous Chemicals (2015 Version)

Regulation of Safety Use Chemicals at Workplace

Regulations on Labor Protection in Workplaces Where Toxic Products Are Used

GB/T 16483: #Safety data sheet for chemical products - Content and order of sections#

GB/T 17519: Guidance on the compilation of safety data sheets for chemical products

GB 15258:#General rules for preparation of precautionary label for industrial chemicals#

GB 30000.2 ~ GB 30000.29: Rules for classification and labelling of chemicals

GB 13690:#General rule for classification and hazard communication of chemicals#

GB 12268:#List of dangerous goods#

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GB 6944: #Classification and code of dangerous goods#

GB 190 #Labels for packages of dangerous goods#

GBZ 2.1#Occupational Exposure Limits for Hazardous Agents in the Workplace, Part 1, Chemical Hazardous Agents #

International regulations

Montreal Protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam Convention

Not applicable

Kyoto Protocol

Not applicable

Inventory Status:

Australia AICS:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	n (negative 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:	y (positive 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: On TSCA Inventory
Taiwan Chemical Substance Inventory:	y (positive listing)	Remarks: None.

16.Other Information

Issue Date:	2021/04/14
Revision Date:	No data available.
Version #:	1.4
Further Information:	No data available.
References:	No data available.

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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.

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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