

MSDS / SDS

Creation date: 2021-0312 Amendment date: 2021-04-08

Part 1: Chemicals and corporate identification

on-product information

Chinese name : Polydimethylsiloxane
English name : Poly(dimethylsiloxane)
CB number : CB3696473
CAS number : 9016-00-6
EINECS Number : 618-4931
Chemical alias : Dimethylsiloxane polymer, poly (dimethylsiloxane), with an average molecular weight of 115,000

Relevant fied use of substance or mixture and not recommended use

Validated use : For R & D use only. Not used for pharmaceutical, family, or other purposes.
Recommended to prohibit use : Not available

Part 2: Overview of the hazards

Overview of the emergency situations

Clear, liquid colorless and odorless If inhaled, move the patient to fresh air., If respiration stops, perform artificial respiration. Rlush with soap and plenty of water. Wash the eyes with water with caution. Do not feed the unconscious person with anything., Rgargle with water.combustible.

The GHS hazard category

Non-hazardous substance or mixture.

GHS tag elements, including precautionary instructions

figurative graph



Physical and chemical hazards

There is no physical or chemical risk to the current information.

health hazard

At present, there is no health hazard.

environment hazards

At present, the information, there is no environmental harm.

Other hazards

-not have

Part 3: Composition / composition information

matter

Chinese name : Polydimethylsiloxane
Chemical alias : Dimethylsiloxane polymer, poly (dimethylsiloxane), with an average molecular weight of 115,000
CAS number : 9016-00-6
EC number : 618-4931
molecular formula : C5H6Si
formula weight : 94.1866

Part 4: First-aid measures

Description of the necessary first-aid measures

inhalation

If inhaled, move the patient to fresh air. If breathing stops, perform artificial respiration.

skin exposure

Rlush with soap and plenty of water.

eye contact

Wash the eyes with water with caution.

ingestion

Do not feed the unconscious person with anything. Wash your mouth with water.

Most important symptoms and health effects

The most important known symptoms and effects are described in the labeling (see Section 2.2) and / or section 11

Instructions and instructions for prompt medical treatment and special treatment required

No data

Special tips for the doctor

No data

Part 5: Fire protection measures

Fire fighting medium

Fire extinguishing methods and fire extinguishing agent

Put out the fire with water mist, alcohol-resistant foam, dry powder or carbon dioxide.

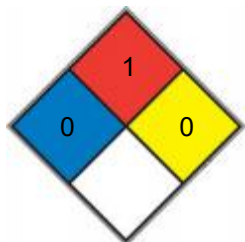
A particular hazard arising from this substance or mixture

The nature of the product after decomposition is unknown combustible.

Fire prevention and extinguishing precautions and protection measures

If necessary, wear a self-contained breathing apparatus for fire-fighting operations.

NFPA 704



■ Health hazard 0 It does not cause harm to the human body when exposed.

■ Flammability 1 requires preheat to ignite.

■ Reactive 0 is usually stable, does not react even when exposed to open flames, and does not react with water.

Special harm

Part 6: Emergency treatment of leakage

Personnel protective measures, protective equipment and emergency response procedures

Avoid inhaling vapors, aerosol, or gases.

See part 8 for personal protection.

point

F) The initial boiling point and the boiling range 35°C at 1,013 hpa

g) flash point 321°C closed cup

h) evaporation rate No data

l) Flammability (solid, gas) No data

j) high / low combustion or explosive limits	
k) vapour pressure	7 hpa at 20°C
l) vapour density	No data
M) density / relative density	0.76-0 g / cm ³ .97
n) water-solubility	No data
O) n-octanol / water distribution coefficient	No data
p) autogenous ignition temperature	No data
q) decomposition temperature	No data
r) viscosity	No data
S) The explosive characteristics	No data
T) No data on oxidation	No data

Part 10: Stability and Reactivity

stability

Stable under the recommended storage conditions.

Dangerous reaction

No data

Conditions that should be avoided

No data

Ban the match

No data

Hazardous decomposition product

In the case of fire, it will decompose to produce harmful substances.-Product decomposition properties unknown other decomposition products-no data

When burning: see Section 5 Fire Fighting Measures.

Part 11: Toxicology information

Information on the toxicological effects

acute toxicity

No data

Skin corrosion / irritation

No data

Severe eye injury / eye irritation

No data

Breathing or skin allergy

No data

Germ-cell mutagenicity

No data

carcinogenicity

IARC: None of the components in this product of 0.1% were identified as a known or possible carcinogen by IARC.

genotoxicity

Specific target organ system toxicity (primary contact)

No data

Specific target organ system toxicity (repeated exposure)

No data

inhalation hazard

No data

Additional instructions

j) high / low combustion or explosive limits

Chemical substance toxicity, sexual effect register: TQ 2690000

To the best of our knowledge, this chemical, physical and toxic properties have not been fully studied. According to the nature that the simulation should have:

Part 12: Ecological information

Ecological toxicity

No data

Persistence and degradability

No data

Biostock potential

Mobility in the soil

No data

Evaluation of the results for the PBT and vPvB

PBT / vPvB assessment is not available as chemical safety assessment is not required / not performed

Other environmental harmful effects

Part 13: Waste disposal

Waste disposal methods

product

Leave the remaining and non-recyclable solutions to licensed companies for disposal.

Pollution packaging

Dispose as an unused product.

Part 14: Transportation information

United Nations number / UN number

European Continental Risk / ADR / RID: -International Marine Risk / IMDG: -International Air Risk / IATA-DGR: -

UN Transport Name / UN proper shipping name

European land transport dangerous regulation: non-dangerous goods

ADR / RID: Non-dangerous Goods International Maritime risk regulations: Non-dangerous goods

IMDG: Not dangerous goods

International air transport risk regulations: non-dangerous goods

IATA-DGR: Not dangerous goods

Transportation Hazard Category / Transport hazard class (es)

European Continental Risk / ADR / RID: -International Marine Risk / IMDG: -International Air Risk / IATA-DGR: -

Package group / Packaging group

European Continental Risk / ADR / RID: -International Marine Risk / IMDG: -International Air Risk / IATA-DGR: -

Environmental hazards / Environmental hazards

ADR / RID European Agency for Road Transport / European Agency for Rail Transport: No

International Maritime Dangerous Goods Rules (IMDG) Marine pollutants (Yes / No): No

International Air Transport Risk Regulation: No

Special precautions / Special precautions for user

Please select the appropriate transport means and the corresponding transport and storage conditions according to the nature of the chemical. The means of transport shall be equipped with corresponding varieties and quantity of fire fighting materials and leakage emergency treatment equipment. If you choose road transportation, please follow the prescribed road

Line driving.

Proer / Incompatible materials

Part 15: Regulatory information

Rules / regulations specifically governing the safety, health and environment of this substance or mix

Law of the Occupational Disease Prevention Law of the People's Republic of China

Classification list of occupational-disease-inductive factors: not included

Regulations on the Safety Management of Hazardous Chemicals

List of Dangerous Goods and Chemicals (2018): not included

Measures for the environmental management and registration of hazardous chemicals

List of Hazardous Chemicals for Key Environmental Management (2014): Not included

Regulations on the administration of narcotic drugs and psychotropic drugs

List of narcotic drugs (2013): not included in the list of psychotropic drugs (2013): not included

New measures for the environmental management of chemical substances

China's existing chemical substances list: not included

Other provisions

Please note that waste disposal should also meet the requirements of the local regulations.

Part 16: Other information

reference documentation

[1] International Chemicals Safety Programme: International Chemicals Safety Card (ICSC) at <http://www.ilo.org/dyn/icsc/showcard.home> .

[2] International Agency for Research on Cancer, <http://www.iarc.fr/> .

[3] OECD Global Chemicals Information Platform, available at: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en .

[4] CAMEO Chemical Database <http://cameochemicals.noaa.gov/search/simple> .

[5] American Library of Medicine: Chemical Identification Database at <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp> .

[6] U. S. Environmental Protection Agency: Integrated Risk Information System at <http://cfpub.epa.gov/iris/> .

[7] U. S. Department of Transportation: Emergency Response Guide at <http://www.phmsa.dot.gov/hazmat/library/erg> .

[8] German GESTIS-Database of Hazardous Substances at <http://gestis-en.itrust.de/> .

[9] Sigma-Aldrich, at: <https://www.sigmaaldrich.com/>

disclaimer:

The information in this MSDS applies only to the products specified, not for the mixture of this product and other substances. This MSDS provides only information on the safety of product use for those appropriately professionally trained users of this product. The user of this MSDS shall make an independent judgment on the applicability of the SDS. The writer of this MSDS will not be responsible for any injuries resulting from the use of this MSDS.