

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Name of product: G-501

Use of the substance / preparation

Lubricant, for industrial purposes only

Company / undertaking identification

Company name: Shin-Etsu Silicones Europe B.V.

Street/POB-No.: Bolderweg 32

State/city/postal code: NL-1332 AV Almere

Telephone: +31 36-5493-170

Telefax: +31 36-5326-459

Dept. responsible for information:

QA department,

Telephone: +31 36-5493-179, Email: msds_info@shinetsu.nl

Additional information:

Manufacturer:

Shin-Etsu Chemical Co., Ltd.

6-1, 2-Chome, Ohtemachi, Chiyodaku

Tokyo, Japan

Tel: 03-3246-5345 (Tokyo, Japan)

Emergency telephone

Telephone: +31 36-5493-170

2. Hazards identification

Classification

Product is classified and labelled in accordance with Directive 1999/45/EC as amended.

not applicable

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

3. Composition/information on ingredients

Chemical characterization (preparation)

Organopolysiloxane mixture

4. First aid measures

After skin contact: Immediately wipe affected skin area with paper towel or cloth.
Thoroughly wash skin with soap and water.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After swallowing: Rinse mouth with water.
Never give an unconscious person anything through the mouth.
Consult physician immediately.

5. Fire fighting measures

Suitable extinguishing media:

Foam, extinguishing powder, water fog, Carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High power water jet

Special exposure hazards arising from the preparation itself, combustion products, resulting gases:

Emits toxic fumes under fire conditions.

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus.

6. Accidental release measures

Environmental precautions: Do not allow to penetrate into soil, waterbodies or drains.

Methods for cleaning up: Dam spills. Remove mechanically, placing in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:

Avoid contact with eyes.

Avoid prolonged or repeated contact with skin.

Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool place.

Keep away from heat sources, sparks and open flames.

Store containers in upright position. Do not drop, drag or bang the container.

Do not re-use the empty container. Do not weld.

Storage class:

11

8. Exposure controls / Personal protection equipment

Exposure controls

Eye wash facility must be provided.

See also information in chapter 7, section storage.

Occupational exposure controls

Hand protection:

Chemically resistant gloves according to EN 374.

Glove material: Plastic or Rubber

Breakthrough time: > 480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:

Tightly sealed safety glasses according to EN 166.

Skin protection:

Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with eyes.

Avoid prolonged or repeated contact with skin.

Wash hands before breaks and at the end of work.

9. Physical and chemical properties

Appearance

Physical state: pasty
Colour: white up to light yellow
Odour: odourless

Important health, safety and environmental information

Flash point / flash point range: >150°C (o.c.); >= 94 °C (c.c.)
Vapour pressure: at 25 °C: negligible
Density: at 25 °C: 0.92 g/cm³
Solubility in water: insoluble

10. Stability and reactivity

Conditions to avoid: Keep away from heat sources, sparks and open flames.
Hazardous decomposition products: Emits toxic fumes under fire conditions.
Polymerization: Will not occur.
Additional information: Product is stable under normal storage conditions.

11. Toxicological information

Toxicological Tests:

After skin contact: Product can cause slight irritation. Patch Test (24h/Open): positive
After eye contact: mild irritant

12. Ecological information

Ecotoxicity

Water Hazard Class: 1 = mild water pollutant

Additional ecological information

General information: Do not allow to penetrate into soil, waterbodies or drains.

13. Disposal considerations

Product

Waste key number 070217 = Wastes containing silicon
Recommendation: Incinerate as hazardous waste according to applicable local, state, and federal regulations.

Contaminated packaging

Waste key number 150104 = Metallic packaging
Recommendation: Do not re-use the empty container.
Waste disposal according to official state regulations.

14. Transport information

Overland transport (ADR/RID)

Product designation: Not restricted

Transport by sea (IMDG)

Proper shipping name: Not restricted

Air transport (IATA)

Proper shipping name: Not restricted

Additional information

Not a hazardous material with respect to transportation regulations.

15. Regulatory information

Classification

Code letter and hazard symbol:

R phrase(s): not applicable

S phrase(s): not applicable

National regulations**National regulations - Germany**

Storage class: 11

Water Hazard Class: 1 = mild water pollutant

National regulations - USA

Hazard rating systems

NFPA Hazard Rating:

Health: 0 (Minimal)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

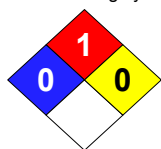
HMIS Version III Rating:

Health: 0 (Minimal)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: B



HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
B	

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.