

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO® Hammer 300.000

**Chemical name:**

Dimethyl Polysiloxane, Polydimethylsiloxane oil

**Other means of identification**

None.

**Recommended restrictions**

**Recommended use:** Industrial use

**Restrictions on use:** None known.

**Manufacturer/Importer/Distributor Information**

Company Name : Evonik Corporation  
Nutrition & Care  
PO Box 34628  
Richmond, VA 23234  
USA

Telephone : +1 804 727 0700

Fax : +1 804 727 0845

E-mail : product-regulatory-services@evonik.com

**Emergency telephone number:**

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)

Emergency : 800 681 9531 (CHEMTREC MEXICO)

+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

**Hazard Classification**

Not classified

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary Statements**

Product name: TEGO® Hammer 300.000

**Hazard(s) not otherwise classified (HNOC):** None.**3. Composition/information on ingredients****Chemical name:**Dimethyl Polysiloxane, Polydimethylsiloxane oil  
**Substances****Composition Comments:** The components are not hazardous or are below required disclosure limits.**4. First-aid measures****Description of necessary first-aid measures**

<b>General information:</b>	Remove soiled or soaked clothing immediately
<b>Inhalation:</b>	Remove individual from site of exposure to fresh air.
<b>Skin Contact:</b>	Immediately and thoroughly, wash off with soap and water.
<b>Eye contact:</b>	Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
<b>Ingestion:</b>	If swallowed, seek medical attention and show MSDS.
<b>Personal Protection for First-aid Responders:</b>	No data available.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms:</b>	No special hints.
<b>Hazards:</b>	No data available.

**Indication of immediate medical attention and special treatment needed****Treatment:** Treat symptomatically.**5. Fire-fighting measures****Suitable (and unsuitable) extinguishing media****Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.**Unsuitable extinguishing media:** High volume water jet.**Special hazards arising from the substance or mixture:**

In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

**Special protective equipment and precautions for fire-fighters****Special fire-fighting procedures:** Keep away from sources of ignition - no smoking. Take action to prevent static discharges.

**Special protective equipment for fire-fighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. High risk of slipping due to leakage/spillage of product

**Accidental release measures:**

No data available.

**Methods and material for containment and cleaning up:**

Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

**Environmental Precautions:**

Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

**7. Handling and storage****Handling****Technical measures (e.g. Local and general ventilation):**

Good general (mechanical) ventilation should be sufficient to control airborne levels.

**Safe handling advice:**

Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosol.

**Contact avoidance measures:**

No data available.

**Storage****Safe storage conditions:**

Incompatible with oxidizing agents. Keep away from heat. Keep away from direct sunlight. Keep container tightly closed and dry in a cool, well-ventilated place

**Safe packaging materials:**

No data available.

**8. Exposure controls/personal protection****Control Parameters****Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

**Appropriate Engineering Controls**

Good general (mechanical) ventilation should be sufficient to control airborne levels.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Safety glasses with side shields are recommended.

**Skin Protection**

**Hand Protection:** Material: Nitrile rubber.  
 Additional Information: Prolonged or repeated contact: Material: Nitrile.  
 Additional Information: Brief contact only:

**Skin and Body Protection:** protective clothing

**Respiratory Protection:** Respiratory protection not required.

**Hygiene measures:** When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately. No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.

<b>9. Physical and chemical properties</b>
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**Information on basic physical and chemical properties**

**Appearance**

**Physical state:** liquid  
**Form:** viscous  
**Color:** Colorless  
**Odor:** Odorless  
**Odor Threshold:** not measured  
**Freezing point:** Approximate -49 °F/-45 °C  
**Boiling Point:** not measured  
**Flammability:** No data available.  
**Upper/lower limit on flammability or explosive limits**  
**Explosive limit - upper:** not measured  
**Explosive limit - lower:** not measured  
**Flash Point:** > 572 °F/300 °C  
**Self Ignition Temperature:** > 752 °F/> 400 °C  
**Decomposition Temperature:** > 392 °F/> 200 °C  
**pH:** Not applicable

**Viscosity**

**Dynamic viscosity:** Approximate 300,000 mPa.s (77 °F/25 °C)  
**Kinematic viscosity:** 300000 mm<sup>2</sup>/s (77 °F/25 °C)  
**Flow Time:** No data available.

**Solubility(ies)**

**Solubility in Water:** Slightly Soluble  
**Solubility (other):** Ethanol.: Slightly Soluble  
 acetone: Slightly Soluble  
 Hydrocarbons.: miscible

**Partition coefficient (n-octanol/water):** not measured

**Vapor pressure:** < 0.1 hPa (68 °F/20 °C)

**Relative density:** Approximate 0.978 (77 °F/25 °C)

<b>Density:</b>	Approximate 0.978 g/cm <sup>3</sup> (77 °F/25 °C)
<b>Bulk density:</b>	No data available.
<b>Relative vapor density:</b>	No data available.

**Other information**

<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	No data available.
<b>Minimum ignition temperature:</b>	not measured
<b>Metal Corrosion:</b>	not measured
<b>Evaporation Rate:</b>	not measured

**10. Stability and reactivity**

<b>Reactivity:</b>	see section "Possibility of hazardous reactions".
<b>Chemical Stability:</b>	No data available.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known. No
<b>Conditions to avoid:</b>	To avoid thermal decomposition, do not overheat.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	None with proper storage and handling. Hazardous decomposition products: carbon monoxide, carbon dioxide silicic acid

**11. Toxicological information****Information on toxicological effects****Information on likely routes of exposure**

<b>Inhalation:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.
<b>Skin Contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Eye contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Ingestion:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.

**Acute toxicity (list all possible routes of exposure)****Oral****Product:** LD 50 (Rat): > 5,000 mg/kg**Dermal****Product:** LD 50 (Rat): > 2,000 mg/kg**Inhalation****Product:** Not classified for acute toxicity based on available data.**Repeated dose toxicity****Product:** NOAEL (Rat(Male), Oral): 10,000 mg/kg  
NOAEL (Rat(female), Oral): 11,000 mg/kg

**Skin Corrosion/Irritation****Product:** Not irritant (Rabbit): Not irritating;**Serious Eye Damage/Eye Irritation****Product:** Not irritant Rabbit: Not irritating**Respiratory or Skin Sensitization****Product:** Non sensitising**Carcinogenicity****Product:** No evidence that cancer may be caused.**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**ACGIH: US.ACGIH Threshold Limit Values:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

No data available.

**In vitro****Product:** No data available.**In vivo****Product:** No data available.**Reproductive toxicity****Product:** Based on available data, the classification criteria are not met.**Specific Target Organ Toxicity - Single Exposure****Product:** Based on available data, the classification criteria are not met.**Specific Target Organ Toxicity - Repeated Exposure****Product:** Based on available data, the classification criteria are not met.**Aspiration Hazard****Product:** Not classified**Information on health hazards****Other hazards****Product:** Proper use provided, no adverse health effects have been observed or have been come to our knowledge.;**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:**

Product name: TEGO® Hammer 300.000

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**Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**Toxicity to microorganisms****Product:** No data available.**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.**Toxicity to microorganisms****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:** Does not bioaccumulate.**Partition Coefficient n-octanol / water (log Kow)****Product:** Log Kow: not measured**Mobility in soil:****Product** No data available.**Results of PBT and vPvB assessment:****Product** No data available.**Other adverse effects:****Other hazards****Product:** Do not allow to enter soil, waterways or waste water canal. Do not allow to enter soil, waterways or waste water canal.**13. Disposal considerations**

**Disposal methods:** In accordance with local authority regulations, take to special waste incineration plant

**Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

## 14. Transport information

### Domestic regulation

#### 49 CFR

Not regulated as a dangerous good

### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## 15. Regulatory information

### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Not classified

#### US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

None present or none present in regulated quantities.

#### US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting

None present or none present in regulated quantities.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.



**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**US State Regulations**
**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**Inventory Status:**

US TSCA Inventory:	Included on Inventory.	
Canada DSL Inventory List:	Included on Inventory.	

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

<b>Health</b>	1
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	<b>B</b>

B - Safety Glasses &amp; Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 03/13/2019

**Version #:** 2.0

**Further Information:** CTFA: complies

**Revision Information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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