

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
7801 Whitepine Road
Richmond, VA 23237
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**

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

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

Most important symptoms and effects, both acute and delayed

Symptoms:	No special hints.
Hazards:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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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.

9. Physical and chemical properties

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 mm²/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)

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

Other information

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

10. Stability and reactivity

Reactivity:	see section "Possibility of hazardous reactions".
Chemical Stability:	No data available.
Possibility of hazardous reactions:	No dangerous reactions known. No
Conditions to avoid:	To avoid thermal decomposition, do not overheat.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	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**

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

Product:	LD 50 (Rat): > 2,000 mg/kg
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Inhalation

Product:	Not classified for acute toxicity based on available data.
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Repeated dose toxicity

Product:	NOAEL (Rat(Male), Oral): 10,000 mg/kg NOAEL (Rat(female), Oral): 11,000 mg/kg
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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:**

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

Health		1
Flammability		1
Physical Hazards		0
PERSONAL PROTECTION		B

B - Safety Glasses & 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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