

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 02/09/2015 |
| 1.1 | 10/16/2015 | 1003804-00002 | Date of first issue: 02/09/2015 |

SECTION 1. IDENTIFICATION

Product name : DOW CORNING(R) 316 SILICONE RELEASE

Product code : 000000000002074613

Manufacturer or supplier's details

Company name of supplier : Dow Corning Corporation

Address : South Saginaw Road
Midland Michigan 48686

Telephone : (989) 496-6000

Emergency telephone : 24 Hour Emergency Telephone : (989) 496-5900
CHEMTREC : (800) 424-9300**Recommended use of the chemical and restrictions on use**Recommended use : Lubricants and lubricant additives
Anti-set off and adhesive agents

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 3

Specific target organ systemic toxicity - single exposure : Category 3

Aspiration hazard : Category 1

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.Precautionary Statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P233 Keep container tightly closed.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

P243 Take precautionary measures against static discharge.

P261 Avoid breathing spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P331 Do NOT induce vomiting.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

Repeated exposure may cause skin dryness or cracking.

Vapors may form explosive mixture with air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Silicone in solvent

Hazardous ingredients

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|------------|-----------------------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | >= 70 - < 90 |
| Silicon dioxide | 7631-86-9 | >= 1 - < 5 |

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.
Remove contaminated clothing and shoes.
Get medical attention.
Wash clothing before reuse.
Thoroughly clean shoes before reuse.

In case of eye contact : Flush eyes with water as a precaution.

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

Get medical attention if irritation develops and persists.

- | | |
|---|---|
| If swallowed | : If swallowed, DO NOT induce vomiting. If vomiting occurs have person lean forward. Call a physician or poison control center immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | : May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Prolonged or repeated contact may dry skin and cause irritation. |
| Protection of first-aiders | : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists. |
| Notes to physician | : Treat symptomatically and supportively. |

SECTION 5. FIRE-FIGHTING MEASURES

- | | |
|--|---|
| Suitable extinguishing media | : Water spray Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical |
| Unsuitable extinguishing media | : High volume water jet |
| Specific hazards during fire fighting | : Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health. |
| Hazardous combustion products | : Silicon oxides Carbon oxides Formaldehyde |
| Specific extinguishing methods | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. |
| Special protective equipment for fire-fighters | : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Remove all sources of ignition. Use personal protective equipment. |
|---|---|

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

- | | |
|---|---|
| agency procedures | Follow safe handling advice and personal protective equipment recommendations. |
| Environmental precautions | : Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. |
| Methods and materials for containment and cleaning up | : Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. |

SECTION 7. HANDLING AND STORAGE

- | | |
|-----------------------------|---|
| Technical measures | : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. |
| Local/Total ventilation | : Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation. |
| Advice on safe handling | : Do not get on skin or clothing. Do not breathe vapors or spray mist. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment. |
| Conditions for safe storage | : Keep in properly labeled containers. Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. |

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 02/09/2015 |
| 1.1 | 10/16/2015 | 1003804-00002 | Date of first issue: 02/09/2015 |

Keep away from heat and sources of ignition.

Materials to avoid : Do not store with the following product types:

- Strong oxidizing agents
- Organic peroxides
- Flammable solids
- Pyrophoric liquids
- Pyrophoric solids
- Self-heating substances and mixtures
- Substances and mixtures which in contact with water emit flammable gases
- Explosives
- Gases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Ingredients | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|------------|----------------------------------|---|-----------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | TWA | 500 ppm 2,000 mg/m ³ | OSHA Z-1 |
| Silicon dioxide | 7631-86-9 | TWA (Dust) | 20 Million particles per cubic foot (Silica) | OSHA Z-3 |
| | | TWA (Dust) | 80 mg/m ³ / %SiO ₂ (Silica) | OSHA Z-3 |
| | | TWA | 6 mg/m ³ (Silica) | NIOSH REL |

Engineering measures : Processing may form hazardous compounds (see section 10).
Minimize workplace exposure concentrations.
Use only in an area equipped with explosion proof exhaust ventilation.
Use with local exhaust ventilation.

Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

| | |
|--------------------------|---|
| Hand protection | |
| Material | : Impervious gloves |
| Material | : Flame retardant gloves |
| Remarks | : Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. |
| Eye protection | : Wear the following personal protective equipment: Safety glasses |
| Skin and body protection | : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc). |
| Hygiene measures | : Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these type of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|---------------------|
| Appearance | : liquid |
| Color | : colorless |
| Odor | : solvent |
| Odor Threshold | : No data available |
| pH | : No data available |
| Melting point/freezing point | : No data available |
| Initial boiling point and boiling | : > 35 °C |

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

range

| | |
|--|--|
| Flash point | : 42 °C Method: Pensky-Martens closed cup |
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Upper explosion limit | : No data available |
| Lower explosion limit | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density | : No data available |
| Relative density | : 0.75 |
| Solubility(ies) Water solubility | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Autoignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity Viscosity, kinematic | : 3 mm ² /s |
| Explosive properties | : Not explosive |
| Oxidizing properties | : The substance or mixture is not classified as oxidizing. |
| Molecular weight | : No data available |

SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | : Not classified as a reactivity hazard. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : Flammable liquid and vapor. Vapors may form explosive mixture with air. Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures. |

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Oxidizing agents

Hazardous decomposition products
Thermal decomposition : Formaldehyde

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation
Skin contact
Ingestion
Eye contact

Acute toxicity

Not classified based on available information.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 4,951 mg/m3
Exposure time: 4 h
Test atmosphere: vapor
Assessment: The substance or mixture has no acute inhalation toxicity
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): > 3,160 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Based on data from similar materials

Silicon dioxide:

Acute oral toxicity : LD50 (Rat): > 3,300 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Information taken from reference works and the literature.

Acute inhalation toxicity : LC50 (Rat): > 2.08 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity
Remarks: Information taken from reference works and the literature.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Information taken from reference works and the

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

literature.

Skin corrosion/irritation

Not classified based on available information.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

Species: Rabbit

Result: Mild skin irritation

Assessment: Repeated exposure may cause skin dryness or cracking.

Silicon dioxide:

Result: No skin irritation

Remarks: Information taken from reference works and the literature.

Serious eye damage/eye irritation

Not classified based on available information.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

Remarks: Based on data from similar materials

Silicon dioxide:

Result: No eye irritation

Remarks: Information taken from reference works and the literature.

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

Test Type: Maximization Test

Routes of exposure: Skin contact

Species: Guinea pig

Result: negative

Remarks: Based on data from similar materials

Silicon dioxide:

Assessment: Does not cause skin sensitization.

Test Type: Skin: test type not specified

Species: Guinea pig

Remarks: No known sensitising effect.

Information taken from reference works and the literature.

Germ cell mutagenicity

Not classified based on available information.

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

| | |
|-----------------------|--|
| Genotoxicity in vitro | : Test Type: In vitro mammalian cell gene mutation test Result: negative Remarks: Based on data from similar materials |
| Genotoxicity in vivo | : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Ingestion Result: negative |

Silicon dioxide:

| | |
|-------------------------------------|---|
| Genotoxicity in vitro | : Result: negative Remarks: Information taken from reference works and the literature. |
| Genotoxicity in vivo | : Application Route: Ingestion Result: negative Remarks: Information taken from reference works and the literature. |
| Germ cell mutagenicity - Assessment | : Animal testing did not show any mutagenic effects. |

Carcinogenicity

Not classified based on available information.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

Species: Rat
Application Route: inhalation (vapor)
Exposure time: 105 weeks
Result: negative
Remarks: Based on data from similar materials

| | |
|-------------|--|
| IARC | No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| OSHA | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. |
| NTP | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. |

Reproductive toxicity

Not classified based on available information.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

| | |
|----------------------|--|
| Effects on fertility | : Test Type: Reproduction/Developmental toxicity screening |
|----------------------|--|

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

test
Species: Rat
Application Route: inhalation (vapor)
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development
Species: Rat
Application Route: inhalation (vapor)
Result: negative
Remarks: Based on data from similar materials

STOT-single exposure

May cause drowsiness or dizziness.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

Assessment: May cause drowsiness or dizziness.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity**Ingredients:****Naphtha (petroleum), hydrotreated heavy:**

Species: Rat
NOAEL: 10,186 mg/m3
Application Route: inhalation (vapor)
Exposure time: 13 Weeks

Aspiration toxicity

May be fatal if swallowed and enters airways.

Ingredients:**Naphtha (petroleum), hydrotreated heavy:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Ingredients:****Naphtha (petroleum), hydrotreated heavy:**

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 10 - 30 mg/l
Exposure time: 96 h
Test substance: Water Accommodated Fraction
Method: OECD Test Guideline 203
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 22 - 46 mg/l
Exposure time: 48 h

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 02/09/2015 |
| 1.1 | 10/16/2015 | 1003804-00002 | Date of first issue: 02/09/2015 |

Test substance: Water Accommodated Fraction
Method: OECD Test Guideline 202
Remarks: Based on data from similar materials

Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l
Exposure time: 72 h
Test substance: Water Accommodated Fraction
Method: OECD Test Guideline 201
Remarks: Based on data from similar materials

NOELR (Pseudokirchneriella subcapitata (green algae)): 1 mg/l
Exposure time: 72 h
Test substance: Water Accommodated Fraction
Method: OECD Test Guideline 201
Remarks: Based on data from similar materials

Persistence and degradability**Ingredients:****Naphtha (petroleum), hydrotreated heavy:**

Biodegradability : Result: Readily biodegradable.
Biodegradation: 89 %
Exposure time: 28 d
Method: OECD Test Guideline 301F
Remarks: Based on data from similar materials

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Resource Conservation and Recovery Act (RCRA) : When a decision is made to discard this material as supplied, it is classified as a RCRA hazardous waste.

Waste Code : D001: Ignitability

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not burn, or use a cutting torch on, the empty drum.
If not otherwise specified: Dispose of as unused product.

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 02/09/2015 |
| 1.1 | 10/16/2015 | 1003804-00002 | Date of first issue: 02/09/2015 |

SECTION 14. TRANSPORT INFORMATION**International Regulation****UNRTDG**

| | |
|----------------------|---------------------------------|
| UN number | : UN 1268 |
| Proper shipping name | : PETROLEUM DISTILLATES, N.O.S. |
| Class | : 3 |
| Packing group | : III |
| Labels | : 3 |

IATA-DGR

| | |
|--|---------------------------------|
| UN/ID No. | : UN 1268 |
| Proper shipping name | : Petroleum distillates, n.o.s. |
| Class | : 3 |
| Packing group | : III |
| Labels | : Flammable Liquids |
| Packing instruction (cargo aircraft) | : 366 |
| Packing instruction (passenger aircraft) | : 355 |

IMDG-Code

| | |
|----------------------|---------------------------------|
| UN number | : UN 1268 |
| Proper shipping name | : PETROLEUM DISTILLATES, N.O.S. |
| Class | : 3 |
| Packing group | : III |
| Labels | : 3 |
| EmS Code | : F-E, S-E |
| Marine pollutant | : no |

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

Not applicable for product as supplied.

Domestic regulation**49 CFR**

| | |
|----------------------|---|
| UN/ID/NA number | : UN 1268 |
| Proper shipping name | : PETROLEUM DISTILLATES, N.O.S. |
| Class | : CBL |
| Packing group | : III |
| Labels | : None |
| ERG Code | : 128 |
| Marine pollutant | : no |
| Remarks | : Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters). If transporting by vessel or aircraft, unless other means of transportation is impracticable, then the product must be shipped as a flammable liquid. |

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 1.1 | Revision Date: 10/16/2015 | SDS Number: 1003804-00002 | Date of last issue: 02/09/2015 Date of first issue: 02/09/2015 |
|----------------|------------------------------|------------------------------|---|

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

- SARA 311/312 Hazards** : Fire Hazard
Acute Health Hazard
- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know

| | | |
|---|------------|-----------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | 70 - 90 % |
| Dimethyl siloxane, trimethylsiloxy-terminated | 63148-62-9 | 10 - 20 % |
| Silicon dioxide | 7631-86-9 | 1 - 5 % |

New Jersey Right To Know

| | | |
|---|------------|-----------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | 70 - 90 % |
| Dimethyl siloxane, trimethylsiloxy-terminated | 63148-62-9 | 10 - 20 % |
| Silicon dioxide | 7631-86-9 | 1 - 5 % |

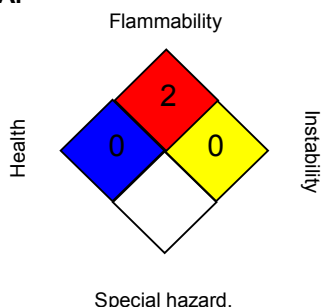
- California Prop. 65** : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

- TSCA** : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
- AICS** : All ingredients listed or exempt.
- IECSC** : All ingredients listed or exempt.
- DSL** : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).
- REACH** : All ingredients (pre-)registered or exempt.

DOW CORNING(R) 316 SILICONE RELEASE

Version 1.1 Revision Date: 10/16/2015 SDS Number: 1003804-00002 Date of last issue: 02/09/2015
 Date of first issue: 02/09/2015

SECTION 16. OTHER INFORMATION**Further information****NFPA:****HMIS III:**

| | |
|------------------------|----------|
| HEALTH | 0 |
| FLAMMABILITY | 2 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Full text of other abbreviations

NIOSH REL : USA. NIOSH Recommended Exposure Limits
 OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
 OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
 NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
 OSHA Z-1 / TWA : 8-hour time weighted average
 OSHA Z-3 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development;

DOW CORNING(R) 316 SILICONE RELEASE

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 02/09/2015 |
| 1.1 | 10/16/2015 | 1003804-00002 | Date of first issue: 02/09/2015 |

OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Revision Date : 10/16/2015

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8