

Dynatex Purple Anaerobic Gasket Maker 300 mL

Safety Data Sheet



Dynatex Purple Anaerobic Gasket Maker

SOUDAL

Safety Data Sheet

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Version: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : Dynatex Purple Anaerobic Gasket Maker 300 mL
Reference number : 143464

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use, Professional use
Use of the substance/mixture : Adhesive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Soudal
350 Ring Road
Elizabethtown, KY 42701
(270) 769-3385
technical@soudalaccumetric.com -
www.SoudalUSA.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC
24h/24h

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification

| | |
|--|-------------|
| CARCINOGEN | Category 2 |
| SKIN IRRITANT | Category 2 |
| EYE IRRITANT | Category 2A |
| SKIN SENSITIZATION | Category 1 |
| SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE | Category 3 |

Adverse physicochemical, human health and environmental effects

2.2. Label elements

Hazard pictograms (CLP) :



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| | |
|--------------------------------|---|
| Signal word (CLP) | : WARNING |
| Hazard statements (CLP) | : Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction Suspected of causing cancer. May cause respiratory irritation. |
| Precautionary statements (CLP) | : If medical advice is needed, have product container or label at hand. Keep out of reach of children Read label before use Avoid breathing dust/fume/gas/vapors/spray. Wear protective gloves. Wear eye protection/face protection. Wash thoroughly after handling. Do not eat, drink, smoke when using this product. Use only outdoors or in a well ventilated area. Contaminated work clothing must not be allowed out of the workplace. If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see on this label) If SWALLOWED: Call a poison center/doctor if you feel unwell. If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Rinse mouth. If on skin: Wash with plenty of water. Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. |
| Disposal | Dispose of contents and container in accordance with all local, regional, national, and international regulations. |
| Extra phrases | : |

2.3. Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|------------------------------------|----------------------|---------|
| Urethane methacrylate | CAS-No: Proprietary | 20 – 29 |
| Polyethylene glycol dimethacrylate | CAS-No: 25852-47-5 | 20 – 29 |
| Urethane acrylate oligomer | CAS-No.: Proprietary | 20 – 29 |
| Dimethylbenzyl hydroperoxide | CAS-No.: 80-15-9 | 1 – 4 |
| 2'-phenylacetohydrazide | CAS-No.: 114-83-0 | ≤ 1 |
| Cumene | CAS-No.: 98-82-8 | ≤ 1 |

Any concentration shown in a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in concentrations applicable, are classified as hazardous to health of the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Treat according to person's condition and specifics of exposure. |
| First-aid measures after inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult doctor in case of complaints. Seek medical treatment. |
| First-aid measures after skin contact | : Wash with plenty of soap and water. Get medical attention. Wash clothing before reuse. |
| First-aid measures after eye contact | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention. |
| First-aid measures after ingestion | Call a doctor immediately. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. Irritation and redness. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. Pain, irritation, watering, or redness. |
| Symptoms/effects after inhalation | : Breathing difficulties. |
| Symptoms/effects after ingestion: | : No known significant effect or critical hazards. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------------|--|
| Notes to physicians: | Treat symptomatically. Contact poison control treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments: | No specific treatments. |
| Protection of first aiders: | No actions shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

See toxicological information (Section 11).

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Dry powder. Foam. Carbon dioxide. Do not use water |
| Unsuitable extinguishing media | : Water |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Hazardous decomposition products in case of fire | : nitrogen oxides, sulfur oxides |
| Unusual Fire and Explosion Hazards | : No specific fire or explosion hazard. |

5.3. Advice for firefighters

Fire Fighting Procedures: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Ensure adequate ventilation. Wear protective clothing.

6.1.2. For emergency responders

Protective equipment

If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials. See also the information in 6.1.1.

6.2. Environmental precautions

Avoid dispersal of spilled materials and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, oil, or air).

6.3. Methods and material for containment and cleaning up

For containment

: Discharge into environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated water.

Methods for cleaning up

: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Other information

: Dispose of materials or solid residues via an authorized disposal contractor.

6.4. Reference to other sections

For further information refer to section 7, 8, 11, 12, and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)

Hygiene

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, or processed. Workers should wash hands and face before eating, drinking, or smoking. See also section 8 for additional information on hygiene measures.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials. Store away from oxidizing agents.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Dimethylbenzyl hydroperoxide (80-15-9) | |
|--|---|
| WEEL | Long Term Value 6 mg/m ³ , 1 ppm Skin |
| Cumene (98-82-8) | |
| PEL | Long Term Value 245 mg/m ³ , 50 ppm Skin |
| REL | Long Term Value 245 mg/m ³ , 50 ppm Skin |

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TLV

Long Term Value: 5 ppm Skin

8.1.2. Recommended monitoring procedures

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

8.1.3. Air contaminants formed

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages, and feed. Immediately remove contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Protective goggles

8.2.2.2. Skin protection

Skin and body protection:

Protective clothing

Hand protection:

Protective gloves against chemicals

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

9.1. Information on basic physical and chemical properties

SECTION 9: Physical and chemical properties

| | |
|----------------|-------------------------|
| Physical state | : Highly Viscous Liquid |
| Color | : Purple |
| Odor | : Characteristic |
| Odor threshold | : Not available |
| Melting point | : Not available |

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| | |
|---|---|
| Freezing point | : Not available |
| Boiling point | : ≥ 200 °C (≥ 392 °F) |
| Flammability | : Not applicable |
| Explosive limits | : Product does not present an explosion hazard. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : 95 °C (203°F) |
| Auto-ignition temperature | : not applicable. |
| Decomposition temperature | : Not available |
| pH | : Not applicable |
| Viscosity, kinematic | : 250,000 mPas |
| Solubility | : Insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapor pressure | : Not applicable |
| Vapor pressure at 50 °C | : Not available |
| Density | : Not available |
| Relative density | : Not available |
| Relative vapor density at 20 °C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

9.2.2. Other safety characteristics

VOC content :0.49 % (4.9 g/L)

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Contact with incompatible materials and exposure to extreme temperatures.

10.5. Incompatible materials

No further relevant information is available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

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SECTION 11: Toxicological information

11.1. Information on hazard classes

Acute Toxicity

| Dimethylbenzyl hydroperoxide (80-15-9) | |
|--|-----------------------|
| LD50 Oral | 382 mg/kg (rat) |
| LD50 Dermal | 500 mg/kg (rat) |
| LC50 Inhalation (4 hours) | 220 mg/L (rat) |
| 2'-phenylacetohydrazide (114-83-0) | |
| LD50 Oral | 270 mg/kg (mouse) |
| Cumene (98-82-8) | |
| LD50 Oral | 1,400 mg/kg (rat) |
| LD50 Dermal | 12,300 mg/kg (rabbit) |
| LC50 Inhalation (4 hours) | 24.7 mg/L (mouse) |

Carcinogen

| IARC (International Agency for Research on Cancer) | |
|--|-------------|
| Cumene (98-82-8) | Category 2B |
| NTP (National Toxicology Program) | |
| Cumene (98-82-8) | Category R |
| 1,4-naphthoquinone (130-15-4) | Category R |

Teratogenicity : Not available

Mutagenicity : Not available

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Aquatic Toxicity: No further relevant information available.

12.2. Persistence and Degradability

There is no data available.

12.3. Bioaccumulative Potential

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There is no data available

12.4. Mobility in Soil

| | |
|---|--|
| Soil/Water Partition Coefficient K_{oc}) | Not available |
| Other adverse effects: | No known significant effects or critical hazards |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

| | |
|-------------------------|----------------|
| UN Number | Not regulated |
| UN Proper Shipping Name | Not applicable |
| DOT Classification | None |
| Packing Group | None |
| Environmental Hazards | None |

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 US Federal Regulations

TSCA:

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

SARA 302/304: No products were found

SARA 304 RQ: Not applicable

SARA 311/312:

| | | |
|----------------|--------------------------------|-------------|
| Classification | ACUTE TOXICITY – ORAL | Category 4 |
| | ACUTE TOXICITY – INHALATION | Category 4 |
| | SKIN IRRITANT | Category 2 |
| | EYE IRRITANT | Category 2A |
| | SKIN SENSITIZATION | Category 1 |
| | SPECIFIC TARGET ORGAN TOXICITY | Category 3 |

SARA 313

Form R – Reporting requirements dimethylbenzyl hydroperoxide (80-15-9)
Cumene (98-28-8)

15.1.2 US State Regulations

California Prop 65 WARNING: This product can expose you to chemicals including cumene, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Indication of changes

Updated to new style.

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Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.