

Safety Data Sheet (HazCom 2012)
DMR-503B

Safety Data Sheet date: 12/4/2024, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: DMR-503B

Other means of identification:

SDS code: P87075US

Recommended use of the chemical and restrictions on use

Recommended use:

SHIM

Industrial uses

Professional uses

Restrictions on use:

No uses advised against are identified.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Manufacturers:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 /
csr-na@socomore.com/ Fax Number: 817-335-2405

Distributors:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 /
csr-na@socomore.com/ Fax Number: 817-335-2405Socomore Canada Limited - Unit 113 - 418 East Kent Ave S., Vancouver, BC V5X 2X7,
Canada / Email: csr-ca@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

Competent person responsible for the safety data sheet:


msdsinformation-na@socomore.com

Emergency phone number:

CHEMTEL: +1-813-248-0585 (International); 1-800-255-3924 (USA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

 Warning, Skin Irrit. 2, Causes skin irritation. Warning, Eye Irrit. 2A, Causes serious eye irritation. Warning, STOT SE 3, May cause respiratory irritation.

Label elements

Hazard pictograms:



Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements:

P261 Avoid breathing dust.

P264 Wash hands thoroughly after handling.

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P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves and eye/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:


>= 40% - < 50% Quartz

REACH No.: Exempted-----, CAS: 14808-60-7, EC: 238-878-4

 A.6/1A Carc. 1A H350 A.8/1 STOT SE 1 H370

>= 40% - < 50% vinyl silicone fluid

CAS: 68951-99-5

 A.2/2 Skin Irrit. 2 H315 A.3/2A Eye Irrit. 2A H319 A.8/3 STOT SE 3 H335

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

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Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show the packing or label.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Unsuitable extinguishing media

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from food, drink and feed.

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Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
Storage temperature:
Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Quartz - CAS: 14808-60-7

- OEL Type: ACGIH - TWA(8h): 0.025 mg/m³ - Notes: (R), A2 - Pulm fibrosis, lung cancer
- OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction alvéolaire)
- OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction de poussière alvéolaire)
- OEL Type: EU - TWA: 0.1 mg/m³ - Notes: Directive (EU) No. 2017/2398 (respirable fraction)
- OEL Type: National - TWA: 0.05 mg/m³ - Notes: Spain
- OEL Type: National - TWA: 0.075 mg/m³ - Notes: Netherlands
- OEL Type: National - TWA: 0.05 mg/m³ - Notes: Finland
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Denmark
- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Austria
- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Switzerland
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Poland
- OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.3 mg/m³ - Notes: Norway
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Belgium
- OEL Type: National - TWA: 0.07 mg/m³ - Notes: Bulgaria
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Czech Republic
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Estonia
- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Hungary [AK] (respirable)
- OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.2 mg/m³ - Notes: Iceland
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Lithuania (IPRD)
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Romania
- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Sweden

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Thermal Hazards:

None

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9. PHYSICAL AND CHEMICAL PROPERTIES

| Properties | Value | Method: | Notes |
|---|---------------------|---------|-------|
| Physical state: | Liquid | -- | -- |
| Colour: | Green | -- | -- |
| Odour: | N.A. | -- | -- |
| Odour threshold: | N.A. | -- | -- |
| pH: | N.A. | -- | -- |
| Melting point / freezing point: | N.A. | -- | -- |
| Initial boiling point and boiling range: | > 129 °C / > 264° F | -- | -- |
| Flash Point (°F): | > 194°F | -- | -- |
| Flash point (°C): | > 90°C | -- | -- |
| Evaporation rate: | Not Relevant | -- | -- |
| Solid/gas flammability: | N.A. | -- | -- |
| Upper/lower flammability or explosive limits: | 10 | -- | -- |
| Vapour pressure: | 0 | -- | -- |
| Vapour density: | N.A. | -- | -- |
| Relative density: | 1.25@20°C/68°F | -- | -- |
| Solubility in water: | N.A. | -- | -- |
| Solubility in oil: | N.A. | -- | -- |
| Partition coefficient (n-octanol/water): | N.A. | -- | -- |
| Auto-ignition temperature: | N.A. | -- | -- |
| Decomposition temperature: | N.A. | -- | -- |
| Viscosity: | N.A. | -- | -- |
| Explosive properties: | N.A. | -- | -- |
| Oxidizing properties: | N.A. | -- | -- |

9.2. Other information

| Properties | Value | Method: | Notes |
|--------------------------------------|-------|---------|-------|
| Miscibility: | N.A. | -- | -- |
| Fat Solubility: | N.A. | -- | -- |
| Conductivity: | N.A. | -- | -- |
| Substance Groups relevant properties | N.A. | -- | -- |

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

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None in particular.
Hazardous decomposition products
None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

Serious eye damage/irritation

The product is classified: Eye Irrit. 2A H319

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

The product is classified: STOT SE 3 H335

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

Quartz - CAS: 14808-60-7

Acute toxicity:

Test: LC50 - Route: Oral = 500 mg/kg

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

Quartz - Group 1.

Substance(s) listed as OSHA Carcinogen(s):

Quartz.

Substance(s) listed as NIOSH Carcinogen(s):

Quartz.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

Persistence and degradability

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N.A.
Bioaccumulative potential
N.A.
Mobility in soil
N.A.
Other adverse effects
No harmful effects expected.

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number
Not classified as dangerous in the meaning of ADR, IATA and IMDG transport regulations.
UN proper shipping name
N.A.
Transport hazard class(es)
N.A.
Packing group
N.A.
Environmental hazards
ADR-Environmental Pollutant: No
IMDG-Marine pollutant: No
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
N.A.

Special precautions
N.A.

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: All the components of this product are listed as active on or are exempt from the TSCA Inventory..

TSCA sections for substances listed in section 3:

Quartz is listed in TSCA Section 8b

vinyl silicone fluid is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 Extremely Hazardous Substances: no substances listed.

Section 304 Hazardous substances: no substances listed.

Section 313 Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

No substances listed.

CAA - Clean Air Act

CAA listed substances:

None.

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CWA - Clean Water Act
CWA listed substances:
None.

USA - State specific regulations
California Proposition 65
Substance(s) listed under California Proposition 65:
None.
Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
Quartz.
New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
Quartz.
Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
Quartz.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:
H350 May cause cancer.
H370 Causes damage to organs.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

According to TSCA section 3(2)(B)(i) : a hydrated form of a chemical substance is considered a mixture of the corresponding anhydrous form and water.

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport

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| | |
|--|---|
| | Association" (IATA). |
| ICAO: | International Civil Aviation Organization. |
| ICAO-TI: | Technical Instructions by the "International Civil Aviation Organization" (ICAO). |
| IMDG: | International Maritime Code for Dangerous Goods. |
| INCI: | International Nomenclature of Cosmetic Ingredients. |
| KSt: | Explosion coefficient. |
| LC50: | Lethal concentration, for 50 percent of test population. |
| LD50: | Lethal dose, for 50 percent of test population. |
| NFPA: | National Fire Protection Association |
| NIOSH: | National Institute for Occupational Safety and Health |
| NTP: | National Toxicology Program |
| OSHA: | Occupational Safety and Health Administration |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| TOTAL VOC'S (TVOC) / NONEXEMPT VOC'S (CVOC): Using California South Coast Air Quality Management District (SCAQMD) Rule 1143. | |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| TLV: | Threshold Limiting Value. |
| TWA: | Time-weighted average |

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