

DEKASEAL 1512 BLACK

Revision date: 05.10.2021

Product code: 1517

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1. Identification**Product identifier**

DEKASEAL 1512 BLACK

Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Adhesives, sealants

Uses advised against

No further relevant information available.

Details of the supplier of the safety data sheet**Manufacturer**

| | | |
|-------------------------|----------------------|--------------------------------|
| Company name: | DINOL GmbH | |
| Street: | Pyrmonter Strasse 76 | |
| Place: | D-32676 Luegde | |
| Telephone: | + 49 (0) 5281 982980 | Telefax: + 49 (0) 5281 9829860 |
| e-mail: | msds@dinol.com | |
| Contact person: | Labor | |
| Responsible Department: | msds@dinol.com | |

Supplier

| | | |
|---------------|----------------------------------|-----------------------|
| Company name: | DINOL U.S. Inc. | |
| Street: | 8520 Cotter Street, Lewis Center | |
| Place: | USA-43035 Ohio | |
| Telephone: | 740-548-1656 | Telefax: 740-548-1657 |
| e-mail: | info@dinolus.com | |
| Internet: | www.dinol.com | |

Emergency telephone number: 3E Company Emergency +1-866-404-4230**2. Hazard identification****Classification of the substance or mixture****WHMIS 2015**

Flammable liquid: Flam. Liq. 4

Carcinogenicity: Carc. 1A

Carcinogenicity: Carc. 2

Label elements**WHMIS 2015****Signal word:** Danger**Pictograms:****Hazard statements**

Combustible liquid.

May cause cancer.

Suspected of causing cancer.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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Wear protective gloves/protective clothing/eye protection/face protection.
 IF exposed or concerned: Get medical advice/attention.
 Store in a well-ventilated place.
 Store locked up.

Other hazards

Hydrocarbons: This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP. (<1 % Benzene)

3. Composition/information on ingredients

Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|------------|--|------------------|
| 64742-49-0 | Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclics, <2% Aromaten | 10 - < 30% (*) |
| | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | 1 - < 5% (*) |
| 1333-86-4 | Ruß (Kohlenstoff, amorph) | 0.5 - < 1.5% (*) |
| 14808-60-7 | Quartz | 0.5 - < 1.5% (*) |

(*) The actual concentration is withheld as a trade secret.

Further Information

Hydrocarbons meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

4. First-aid measures

Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.
 Never give anything by mouth to an unconscious person or a person with cramps.
 If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

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

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).
 Do NOT induce vomiting.
 Call a physician immediately.
 Put victim at rest, cover with a blanket and keep warm.

Most important symptoms and effects, whether acute or delayed

No information available.

Indication of immediate medical attention and special treatment needed

No information available.

5. Fire-fighting measures

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Extinguishing media**Suitable extinguishing media**alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder. Water fog.**Unsuitable extinguishing media**

High power water jet.

Specific hazards arising from the hazardous product

No further relevant information available.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For emergency responders

For further specification, refer to section 8 of the SDS.

Environmental precautions

Do not allow to enter into surface water or drains.

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

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

Other information

No information available.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Use only outdoors or in a well-ventilated area.

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

No special measures are necessary.

Hints on joint storage

Not required.

8. Exposure controls/Personal protection

Control parameters

Exposure controls



Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Recommended eye protection articles :

Eye glasses with side protection (DIN EN 166)

Hand protection

Recommended glove articles :

FKM (fluoro rubber), Breakthrough time (maximum wearing time): 480 min.

NBR (Nitrile rubber), Breakthrough time (maximum wearing time): 480 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

Skin protection

Wear anti-static footwear and clothing

Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

gas filtering equipment (EN 141). Filter material/medium :

9. Physical and chemical properties

Information on basic physical and chemical properties

| | |
|------------------|----------------|
| Physical state: | Paste |
| Colour: | black |
| Odour: | characteristic |
| Odour threshold: | not determined |

Test method

Changes in the physical state

| | |
|---|----------------|
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | 136-164 °C |
| Softening point: | not determined |
| Flash point: | > 70 °C |

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Flammability

Solid/liquid: not determined
 Gas: not determined

Explosive properties

not determined

Lower explosive limits: 0,8 vol. %

Upper explosive limits: 6 vol. %

Auto-ignition temperature: > 200 °C

Self-ignition temperature

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

Oxidizing properties

not determined

pH-Value: not applicable

Viscosity / dynamic:
 (at 20 °C) 2.500 mPa·s

Viscosity / kinematic: not applicable

Water solubility: The study does not need to be conducted
 because the substance is known to be
 insoluble in water.

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure:
 (at 20 °C) 5 hPa

Vapour pressure:
 (at 50 °C) 30 hPa

Density (at 20 °C): 1,48 g/cm³ DIN 51757

Relative vapour density: not determined

Particle characteristics: not applicable

Other information

Information with regard to physical hazard classes

Sustaining combustion: No data available

Other safety characteristics

Solvent content: 17,9 %

Solid content: 80,2 %

Further Information

No information available.

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

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No known hazardous reactions.

Conditions to avoid

No further relevant information available.

Incompatible materials

No information available.

Hazardous decomposition products

Carbon monoxide

11. Toxicological information
Information on toxicological effects
Acute toxicity

Based on available data, the classification criteria are not met.

| CAS No | Chemical name | | | | |
|------------|--|-------------------|---------|--------|--------|
| | Route of exposure | Dose | Species | Source | Method |
| 64742-49-0 | Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclics, <2% Aromaten | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 >5000 mg/kg | Rabbit | | |
| | inhalation vapour | LC50 >5000 mg/l | Rat | | |
| | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 >5000 mg/kg | Rabbit | | |
| | inhalation (4 h) vapour | LC50 >5000 mg/l | Rat | | |
| 1333-86-4 | Ruß (Kohlenstoff, amorph) | | | | |
| | oral | LD50 > 8000 mg/kg | Rat | | |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

May cause cancer. (Quartz)

Suspected of causing cancer. (Ruß (Kohlenstoff, amorph))

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on other hazards

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Endocrine disrupting properties

Endocrine disrupting potential: No information available.

Further information

There are no data available on the preparation/mixture itself.

12. Ecological information**Ecotoxicity**

There are no data available on the mixture itself.

Persistence and degradability

There are no data available on the mixture itself.

Bioaccumulative potential

There are no data available on the mixture itself.

Mobility in soil

There are no data available on the mixture itself.

Endocrine disrupting properties

Endocrine disrupting potential: No information available.

Other adverse effects

No information available.

Further information

There are no data available on the mixture itself.

13. Disposal considerations**Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

Do not mix with other wastes.

Contaminated packaging

Dispose according to legislation.

14. Transport information**Canadian TDG****Proper shipping name:**

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**UN number or ID number:**

No dangerous good in sense of this transport regulation.

United Nations proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

Marine pollutant:

No dangerous good in sense of this transport regulation.
no**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

United Nations proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

No dangerous good in sense of this transport regulation.

Environmental hazards

Safety Data Sheet

according to WHMIS

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ENVIRONMENTALLY HAZARDOUS: No

Other applicable information

Transport classification ADR/IMDG is based on packaging >30ltr(IMDG), <450ltr(ADR).
For other packaging units different classification can apply.

15. Regulatory information**Canadian regulations****DSL/NDSL inventory status**

Substance/product listed in the following inventories: DSL/NDSL

Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

16. Other information**Changes**

This data sheet contains changes from the previous version in section(s): 14,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)