

## MOLYKOTE(R) DX PASTE

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

|   |   |  |  |
|---|---|--|--|
| <b>Trade name</b>                       | : | MOLYKOTE(R) DX PASTE   |  |
| <b>Company</b>                          | : | Credimex AG<br>Industriestrasse 25<br>CH-6060 Sarnen 2<br>Switzerland                    |  |
|   |   | Tel: 041 666 29 49<br>Fax: 041 666 29 50   |  |
| <b>Emergency Phone Number</b>           | : | Dow Corning (Barry U.K. 24h)<br>Dow Corning (Wiesbaden 24h)<br>Dow Corning (Seneffe 24h) | Tel: +44 1446732350<br>Tel: +49 61122158<br>Tel: +32 64 888240 |
| <b>Use of the substance/preparation</b> | : | Lubricants and additives   |  |

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical characterization:** Mixture of inorganic and organic compounds

**Hazardous Ingredients:**

| Name  | CAS-No.    | EINECS/<br>ELINCS No. | Conc. (% w/w) | Classification |            |
|---|------------|-----------------------|---------------|----------------|------------|
| Distillates (petroleum), hydrotreated heavy naphthenic    | 64742-52-5 | 265-155-0             | 23.0          |                |            |
| Distillates (petroleum), solvent refined heavy naphthenic | 64741-96-4 | 265-097-6             | 17.0          |                |            |
| Distillates (petroleum), hydrotreated heavy paraffinic    | 64742-54-7 | 265-157-1             | 6.0           |                |            |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | 265-169-7             | 6.0           |                |            |
| Distillates (petroleum), solvent refined heavy paraffinic | 64741-88-4 | 265-090-8             | 6.0           |                |            |
| Amines, N-tallow alkyltrimethylenedi-, dioleates          | 68153-99-1 | 268-902-9             | 3.0           | Xi<br>Xi       | R38<br>R41 |
| Zinc oxide  | 1314-13-2  | 215-222-5             | 2.0           | N              | R50/53     |

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## 3. HAZARDS IDENTIFICATION

The principal hazards of the product as supplied are:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. FIRST AID MEASURES

- On contact with eyes** : Flush with water.
- On skin contact** : Flush with water.
- If inhaled** : No first aid should be needed.
- On ingestion** : No first aid should be needed.

## 5. FIRE FIGHTING MEASURES

- Suitable extinguishing media** : Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool fire exposed containers.
- Unsuitable extinguishing media** : None known.
- Hazards during fire fighting** : None known.
- Special protective equipment/procedures** : A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
- Hazardous Combustion Products** : Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Phosphorus products. Nitrogen products. Traces of fluorinated products. Metal products.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Do not allow large quantities to enter drains or surface waters.
- Methods for cleaning up** : Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

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## 7. HANDLING AND STORAGE

- Advice on safe handling** : Avoid skin and eye contact. General ventilation is recommended. Local ventilation is recommended.
- Advice on storage** : Do not store with oxidizing agents. Keep container closed and store away from water or moisture.
- Specific uses** : Refer to technical data sheet available on request.
- Unsuitable packaging materials** : None known.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls** : Ventilation : Refer to Section 7

**Exposure controls for hazardous components**

| Name  | CAS-No.    | Exposure Limits  |
|---|------------|--|
| Distillates (petroleum), hydrotreated heavy naphthenic    | 64742-52-5 | 10 mg/m3 STEL Oil Mist,mineral<br>5 mg/m3 TWA Oil Mist,mineral |
| Distillates (petroleum), solvent refined heavy naphthenic | 64741-96-4 | 10 mg/m3 STEL Oil Mist,mineral<br>5 mg/m3 TWA Oil Mist,mineral |
| Distillates (petroleum), hydrotreated heavy paraffinic    | 64742-54-7 | 10 mg/m3 STEL Oil Mist,mineral<br>5 mg/m3 TWA Oil Mist,mineral |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | 10 mg/m3 STEL Oil Mist,mineral<br>5 mg/m3 TWA Oil Mist,mineral |
| Distillates (petroleum), solvent refined heavy paraffinic | 64741-88-4 | 10 mg/m3 STEL Oil Mist,mineral<br>5 mg/m3 TWA Oil Mist,mineral |
| Zinc oxide  | 1314-13-2  | 10 mg/m3 STEL Fume<br>5 mg/m3 TWA Fume                         |

**Personal protection equipment**

- Respiratory protection** : Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded.  
A full-face mask is recommended.  
Recommended Filter type: AP  
The choice of a filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics, contact your respiratory protection supplier.



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- On ingestion** : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.
- Other Health Hazard Information** : This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

<sup>1</sup> Based on product test data.

<sup>2</sup> Based on test data from similar products.

**12. ECOLOGICAL INFORMATION****Environmental fate and distribution**

Solid material, insoluble in water.

**Ecotoxicity effects**

Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment. However, due to the physical form and water-insolubility of the product the bioavailability is negligible.

**Fate and effects in waste water treatment plants**

No adverse effects on bacteria are predicted.

**13. DISPOSAL CONSIDERATIONS**

- Product disposal** : Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
- Packaging disposal** : Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**14. TRANSPORT INFORMATION****Road / Rail (ADR/RID)**

Not subject to ADR/RID.

**Sea transport (IMDG)**

Not subject to IMDG code.

**Air transport (IATA)**

Not subject to IATA regulations.

**MOLYKOTE(R) DX PASTE****15. REGULATORY INFORMATION****Labelling according to EEC Directive**

**R-phrases** : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases** : S24/25 Avoid contact with skin and eyes.  
S51 Use only in well-ventilated areas.  
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**National legislation / regulations**

**Ozone depleting chemicals** : No ozone depleting chemicals are present or used in manufacture.

**Status**

**EINECS** : All ingredients listed or exempt.

**TSCA** : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**16. OTHER INFORMATION**

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Dow Corning Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Dow Corning shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Dow Corning supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Dow Corning supplier.

**R38** Irritating to skin., **R41** Risk of serious damage to eyes., **R50/53** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.