1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1 Product name : MOLYKOTE(R) D-96-NTP ANTI-FRICTION COATING

1.2 Identified uses : Lubricants and additives

Uses advised against : None known.

1.3 Company : Dow Corning Europe S.A.
               rue Jules Bordet - Parc Industriel - Zone C
               B-7180 Seneffe
               Belgium

E-mail address (Safety Data Sheet) : sdseu@dowcorning.com

Customer Service : English Tel: +49 611237507
                   Deutsch Tel: +49 611237500
                   Français Tel: +32 64511149
                   Italiano Tel: +32 64511170
                   Español Tel: +32 64511163
                   
                   Fax: +32 64888683

1.4 Emergency Phone Number : Dow Corning (Barry U.K. 24h) Tel: +44 1446732350
                              Dow Corning (Wiesbaden 24h) Tel: +49 61122158
                              Dow Corning (Seneffe 24h) Tel: +32 64 888240

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to EU Directives 67/548/EEC or 1999/45/EC:

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

2.2 Label elements

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 : S23(S) Do not breathe spray.
           S25 Avoid contact with eyes.
           S51 Use only in well-ventilated areas.
           S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
SAFETY DATA SHEET
According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0
Revision Date: 14.06.2013
Superseded date: 30.03.2011

MOLYKOTE(R) D-96-NTP ANTI-FRICTION COATING

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Organic/Inorganic Coating.

According to EU Directives 67/548/EEC or 1999/45/EC:

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS-No.</th>
<th>EINECS/ELINCS No.</th>
<th>REACH Registration Number</th>
<th>Conc. (% w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyolefin</td>
<td>-</td>
<td>Exempt or not available</td>
<td>-</td>
<td>43.95</td>
<td>Substance with a Community workplace exposure limit</td>
</tr>
<tr>
<td>Octylphenoxy polyethoxy ethanol</td>
<td>9036-19-5</td>
<td>Exempt or not available</td>
<td>-</td>
<td>3.66</td>
<td>Xi R41 Xn R22 N R51/53</td>
</tr>
<tr>
<td>Benzyl benzoate</td>
<td>120-51-4</td>
<td>204-402-9</td>
<td>-</td>
<td>0.48</td>
<td>Xn R22 N R51/53</td>
</tr>
</tbody>
</table>

According to Regulation (EC) No. 1272/2008:

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS-No.</th>
<th>EINECS/ELINCS No.</th>
<th>REACH Registration Number</th>
<th>Conc. (% w/w)</th>
<th>Classification</th>
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<tr>
<td>Polyolefin</td>
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<td>Octylphenoxy polyethoxy ethanol</td>
<td>9036-19-5</td>
<td>Exempt or not available</td>
<td>-</td>
<td>3.66</td>
<td>Acute toxicity (Oral): Category 4 - H302 Serious eye damage/eye irritation: Category 1 - H318 Chronic aquatic hazard: Category 2 - H411</td>
</tr>
<tr>
<td>Benzyl benzoate</td>
<td>120-51-4</td>
<td>204-402-9</td>
<td>-</td>
<td>0.48</td>
<td>Acute toxicity (Oral): Category 4 - H302 Chronic aquatic hazard: Category 2 - H411</td>
</tr>
</tbody>
</table>

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.
CLP classifications are based on all current available data including from known international organizations. These classifications are subject to revision as more information becomes available.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures:

On contact with eyes : Flush with water. If eye irritation persists, get medical attention.
On skin contact : Flush with water.
If inhaled : Remove to fresh air.
On ingestion : No first aid should be needed.
5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media:
On large fires use dry chemical, foam or water spray (fog). On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Unsuitable extinguishing media:
None known.

5.2 Hazards during fire fighting:
None known.

Hazardous Combustion Products:
Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Nitrogen products. Chlorine compounds. Fluorine compounds.

5.3 Special protective equipment/procedures:
A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Wear proper protective equipment.

6.2 Environmental precautions:
Do not empty into drains. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

6.3 Methods and materials for containment and cleaning up:
Determine the need to evacuate or isolate the area according to your local emergency plan. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE

7.1 Advice on safe handling:
General ventilation is recommended. Avoid eye contact. Do not breathe spray or mist. Do not empty into drains. Local ventilation is recommended.

7.2 Advice on storage:
Do not store with oxidizing agents.
Storage temperature: minimum 1 °C, maximum 40 °C

7.3 Specific uses:
Refer to technical data sheet available on request.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS-No.</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyolefin</td>
<td>-</td>
<td>4 mg/m3 TWA Respirable dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3 TWA Inhalable dust</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

**Engineering Controls**: Ventilation: Refer to Section 7.1

**Personal protection equipment**

**Respiratory protection**: A suitable respirator must be worn if the product is used in any circumstances where an aerosol or mist may be generated, such as during spraying or similar activities. Depending on the working conditions, wear a respiratory mask with filter(s) P or use a self-contained respirator. 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.

**Hand protection**: Gloves are not normally required.

**Eye/face protection**: Safety goggles should be worn.

**Skin protection**: Protective equipment is not normally necessary.

**Hygiene measures**: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

**Environmental exposure controls**: Refer to section 6 and 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Odour</td>
<td>Amine-like odor at low concentrations</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C (Closed Cup)</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.3</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
According to article 31 and Annex II of the EU REACH Regulation

MOLYKOTE(R) D-96-NTP ANTI-FRICTION COATING

Viscosity : > 20.5 mm²/s at 25°C.
Oxidizing properties : No

The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

10. STABILITY AND REACTIVITY

10.1 Reactivity : None known.
10.2 Stability : Stable under normal usage conditions.
10.3 Possibility of hazardous reactions : None known.
10.4 Conditions to avoid : None established.
10.5 Materials to avoid : Can react with strong oxidising agents.
10.6 Hazardous decomposition products : Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Nitrogen products. Chlorine compounds. Fluorine compounds.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
On contact with eyes : Slightly irritating.
On skin contact : No adverse effects are normally expected.
If inhaled : No adverse effects are normally expected.
On ingestion : No adverse effects are normally expected.

Chronic toxicity:
On skin contact : No adverse effects are normally expected.
If inhaled : No adverse effects are normally expected.
On ingestion : No adverse effects are normally expected.

Toxicokinetics, metabolism and distribution : No specific information is available.
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.
12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects
Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability
Organic solvents may evaporate into the atmosphere, where they degrade. The mineral oils in the product are biodegradable.

12.3 Bioaccumulation
Low potential to bioaccumulate.

12.4 Release to waters / Mobility in soil
Fate and effects in waste water treatment plants:
May cause adverse effects on bacteria. If used as intended this product is not expected to reach waste water treatment plants.

13. DISPOSAL CONSIDERATIONS

Product and packaging 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.

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.
15. REGULATORY INFORMATION

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

Status

EINECS : All ingredients listed, exempt or notified (ELINCS).
IECSC : All ingredients listed or exempt.
DSL  : All ingredients listed or exempt.
TSCA : All chemical substances in this material are included on or exempted from listing on the Toxic Substances Control Act 8(b) Inventory. One or more chemical substances in this material meet the polymer exemption criteria in 40 CFR 723.250.
ENCS/ISHL : All ingredients listed, exempt or notified.
KECL  : One or more ingredients are not listed or exempt or identified.

16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its 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 article 31 and Annex II of the EU REACH Regulation.

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.

Source of information: Internal data and publically available information

R22 Harmful if swallowed., R41 Risk of serious damage to eyes., R51/S3 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed., H318 Causes serious eye damage., H411 Toxic to aquatic life with long lasting effects.