

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.3

Revision Date: 04.11.2009

MOLYKOTE(R) POLYGLISS N SPRAY**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

Trade name	:	MOLYKOTE(R) POLYGLISS N SPRAY	
Company	:	Dow Corning Europe S.A. rue Jules Bordet - Parc Industriel - Zone C B-7180 Seneffe Belgium	
Service	:	Dow Corning (Wiesbaden) Dow Corning (Seneffe)	Tel: +49 611237507 Fax: +49 611237601 Tel: +32 64511156 Fax: +32 64888683
Emergency Phone Number	:	Dow Corning (Barry U.K. 24h) Dow Corning (Wiesbaden 24h) Dow Corning (Seneffe 24h)	Tel: +44 1446732350 Tel: +49 61122158 Tel: +32 64 888240
E-mail address (Safety Data Sheet)	:	sdseu@dowcorning.com	
Use of the substance/preparation	:	Lubricants and additives	

2. HAZARDS IDENTIFICATION**The principal hazards of the product as supplied are:**

Flammable.
May produce an allergic reaction.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical characterization:** Organic compound in solvent**Hazardous Ingredients:**

Name	CAS-No.	EINECS/ ELINCS No.	Conc. (% w/w)	Classification
Naphtha (petroleum), hydrotreated heavy	64742-48-9	265-150-3	59.0	Xn R65 R10
Distillates (petroleum), solvent refined heavy paraffinic	64741-88-4	265-090-8	34.0	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	265-169-7	7.7	
Carbon dioxide	124-38-9	204-696-9	2.0	
Zinc (C1-C14) Dialkyldithiophosphate	68649-42-3	272-028-3	0.33	Xi Xi R38 R41

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				N	R51/53
Dipentene	138-86-3	205-341-0	0.21		R10
				Xi	R43
				N	R38
					R50/53

4. FIRST AID MEASURES

On contact with eyes	:	Flush with water.
On skin contact	:	Flush with water. Wipe off.
If inhaled	:	Remove to fresh air.
On ingestion	:	No first aid should be needed.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	On large fires use dry chemical, foam or water spray (fog). On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Unsuitable extinguishing media	:	None known.
Hazards during fire fighting	:	Pressurised container capable of exploding if heated.
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.
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. Sulphur products. Phosphorus products.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Wear proper protective equipment.
Environmental precautions	:	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Do not empty into drains.
Methods for cleaning up	:	Determine the need to evacuate or isolate the area according to your local emergency plan. Eliminate all possible sources of ignition.

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7. HANDLING AND STORAGE

Advice on safe handling	:	General ventilation is required. Local ventilation is required. Do not breathe spray or mist. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - no smoking. Avoid skin and eye contact.
Advice on storage	:	Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Store in a flameproof, well ventilated area.
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
Naphtha (petroleum), hydrotreated heavy	64742-48-9	10 mg/m3 STEL Oil Mist,mineral 5 mg/m3 TWA Oil Mist,mineral
Distillates (petroleum), solvent refined heavy paraffinic	64741-88-4	10 mg/m3 STEL Oil Mist,mineral 5 mg/m3 TWA Oil Mist,mineral
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	10 mg/m3 STEL Oil Mist,mineral 5 mg/m3 TWA Oil Mist,mineral
Carbon dioxide	124-38-9	15,000 ppm STEL 5,000 ppm TWA 27,400 mg/m3 STEL 9,150 mg/m3 TWA

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. 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.
Depending on the working conditions, wear a respiratory mask with filter(s) AP 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.

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Hand protection	:	Chemical protective gloves or gauntlets should be worn and removed correctly to avoid skin contamination: Polyvinyl alcohol(PVA). Nitrile rubber. Viton(TM). Regarding glove's breakthrough time, contact your chemical protective glove supplier.
Eye protection	:	Safety goggles should be worn.
Skin protection	:	Wear impervious overalls in circumstances where significant skin contact can occur.
Hygiene measures	:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Remove contaminated clothing immediately.
Environmental exposure controls	:	Refer to section 6 and 12.
Additional information	:	For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these types of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Aerosol **Colour:** Colorless **Odour:** Very little

Important health, safety and environmental information

Specific Gravity : 0.80

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

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal usage conditions.
Conditions to avoid	:	None established.
Materials to avoid	:	Can react with strong oxidising agents.
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. Sulphur products. Phosphorus products.

11. TOXICOLOGICAL INFORMATION

On contact with eyes	:	Slightly irritating.
On skin contact	:	May produce an allergic reaction. Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis.

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If inhaled	:	May cause dizziness, drowsiness, confusion, headaches, nausea, and at high concentrations, unconsciousness.
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	:	Product may emit formaldehyde vapour at temperatures above 150°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

¹ Based on product test data.² Based on test data from similar products.

12. ECOLOGICAL INFORMATION

Environmental fate and distribution

The organic components contained in the product are biodegradable, however they are not classified as readily biodegradable.

Ecotoxicity effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation : High potential to bioaccumulate.

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)

UN No. : UN 1950

Proper Shipping Name : AEROSOLS

Class : 2

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MOLYKOTE(R) POLYGLISS N SPRAY**Labels** : 2.1**Sea transport (IMDG)****UN No.** : UN 1950**Proper Shipping Name** : AEROSOLS**Class** : 2.1**Emergency Schedule
(EmS)** : F-D
S-U**Air transport (IATA)****UN No.** : UN 1950**Proper Shipping Name** : Aerosols, flammable**Class** : 2.1**Labels** : Flammable Gas

: Apply Gross Wt Supplemental Label to Outer Package if shipping Limited Quantity

15. REGULATORY INFORMATION**Labelling according to EEC Directive****R-phrases** : R10 Flammable.**S-phrases** : S2 Keep out of the reach of children.
S16 Keep away from sources of ignition - no smoking.
S23(S) Do not breathe spray.
S24/25 Avoid contact with skin and eyes.
S51 Use only in well-ventilated areas.**Other phrases** : Do not spray on a naked flame or any incandescent material.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Contains Dipentene and 3,7-Dimethyl 2,6-Octadienal. May produce an allergic reaction.**National legislation / regulations****Ozone depleting
chemicals** : No ozone depleting chemicals are present or used in manufacture.

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MOLYKOTE(R) POLYGLISS N SPRAY**Status**

EINECS	: All ingredients listed, exempt or notified (ELINCS).
TSCA	: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
AICS	: One or more ingredients are not listed or exempt.
IECSC	: Consult your local Dow Corning office.
KECL	: One or more ingredients are not listed or exempt or identified.
PICCS	: One or more ingredients are not listed or exempt.

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.

R10 Flammable., **R38** Irritating to skin., **R41** Risk of serious damage to eyes., **R43** May cause sensitization by skin contact., **R50/53** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., **R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., **R65** Harmful: May cause lung damage if swallowed.