

Dow Corning Australia Pty Ltd
Material Safety Data Sheet

MOLYKOTE(R) OMNIGLISS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Details

Product Name: MOLYKOTE(R) OMNIGLISS
Other Name: Mixture of inorganic and organic compounds
Company Product Code: 01284177
Proper Shipping Name: Not applicable.
Recommended Use: Lubricant

1.2 Company Details

Manufacturer/Supplier: Dow Corning Australia Pty Ltd
Address: 3 Innovation Road, North Ryde, NSW 2113, Australia
Telephone Number: 1300-360-732
Emergency Telephone Number: 1300-360-732

2. HAZARD IDENTIFICATION

- 2.1 Hazard Classification:** Non-Hazardous Substance. Non-Dangerous Goods.
2.2 Risk Phrase(s): Not hazardous.
2.3 Safety Phrase(s): Avoid contact with skin and eyes.
Use only in well-ventilated areas.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion %</u>
Hydrotreated light petroleum distillate	64742-47-8	10 - <30
Calcium hydroxide	1305-62-0	<10
Ingredients determined not to be hazardous to 100%		

4. FIRST AID MEASURES

4.1 First Aid Measures:

Ingestion: Get medical attention.
Eye: Immediately flush with water for 15 minutes.
Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser.
Get medical attention if irritation or other ill effects develop or persist.
Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

4.2 Medical Attention and Special Treatment Needed:

First Aid Facilities: None should be required.

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Comments:	Treat according to person's condition and specifics of exposure.
Note to physicians:	Treat Symptomatically. For further information, the Medical Practitioner should contact Dow Corning Australia Pty Ltd.

5. FIRE FIGHTING MEASURES

- | | | |
|------------|--|---|
| 5.1 | Suitable Extinguishing Media: | On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers. |
| 5.2 | Hazards From Combustion Products: | Nitrogen oxides. Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Formaldehyde. |
| 5.3 | Precautions For Fire Fighters and Special Protective Equipment: | Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. |
| 5.4 | Hazchem Code: | Not applicable. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|------------|---|---|
| 6.1 | Emergency Procedures: | Not applicable. |
| 6.2 | Methods and Materials for Containment and Clean Up Procedures: | Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable. |

7. HANDLING AND STORAGE

- | | | |
|------------|---------------------------------------|---|
| 7.1 | Precautions for Safe Handling: | Use with adequate ventilation. Avoid skin and eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. If this product is heated to > 150 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required. |
| 7.2 | Conditions for Safe Storage: | Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame. |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Standards:

IngredientsExposure Limits

Hydrotreated light petroleum distillate	Observe petroleum distillates limits. OSHA PEL (final rule): TWA 400 ppm. No biological limit allocated.
Calcium hydroxide	Australia: TWA 5 mg/m ³ . OSHA PEL and ACGIH TLV: TWA 5 mg/m ³ . No biological limit allocated.

8.2 Engineering Controls:

Local Ventilation:	Recommended.
General Ventilation:	Recommended.

8.3 Personal Protective Equipment:

Respiratory:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator:	Organic Vapor Type.
Hand:	Polyvinylalcohol. Nitrile Rubber.
Eye:	Use proper protection - safety glasses as a minimum.
Skin:	Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Physical Form:	Liquid
9.2	Colour:	Straw
9.3	Odour:	Characteristic odor
9.4	pH:	Not determined.
9.5	Vapour Pressure @ 25°C:	Not determined.
9.6	Vapour Density (air=1):	Not determined.
9.7	Boiling Point:	> 35 °C
9.8	Melting Point:	Not determined.
9.9	Solubility in Water:	Not determined.
9.10	Specific Gravity @ 25°C:	0.91
9.11	Flash Point:	64 °C (Tag Closed Cup)
9.12	Upper Flammability Limit:	Not determined.
9.13	Lower Flammability Limit:	Not determined.

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9.14 **Autoignition Temperature:** Not determined.

9.15 **Viscosity:** 125 cP

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

10. STABILITY AND REACTIVITY

10.1 **Chemical Stability:** Stable.

10.2 **Conditions to avoid:** None.

10.3 **Incompatible Materials:** Can react with strong oxidising agents.

10.4 **Hazardous Decomposition Products:** Nitrogen oxides. Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Formaldehyde.

10.5 **Hazardous Reactions :** Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

11.1 **Possible Routes of Exposure** Inhalation Skin Contact Ingestion

11.2 **Possible Health Effects:**

Acute

Ingestion: Low ingestion hazard in normal use.
Eye: Direct contact may cause mild irritation.
Skin: May cause mild irritation.
Inhalation: Irritates respiratory passages very slightly. Vapor overexposure may cause drowsiness.

Chronic

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.
Skin: Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.
Inhalation: No known applicable information.
Other Health Hazard Information: No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

12. ECOLOGICAL INFORMATION

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12.1 Environmental Fate and Distribution:

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

12.2 Ecotoxicity:

No adverse effects on aquatic organisms are predicted.

Bioaccumulation: No specific information is available.

12.3 Fate and Effects in Waste Water Treatment Plants:

No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Dispose of in accordance with local regulations.

13.2 Special Precautions for Landfill or Incineration: None known.

14. TRANSPORT INFORMATION

14.1 UN No.: Not applicable.

14.2 Proper Shipping Name: Not applicable.

14.3 Class: Not applicable.

14.4 Packing Group: Not applicable.

14.5 Hazchem Code: Not applicable.

14.6 Sea transport (IMDG)
Not subject to IMDG code.

14.7 Air Transport (IATA-DGR)
Not subject to IATA regulations.

15. REGULATORY INFORMATION

15.1 SUSDP Poisons Schedule Number: None allocated.

15.2 Prohibition/Licensing Requirements: There are no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

15.3 Industrial Chemicals (Notification and Assessment) Act 1989: All ingredients listed or exempt.

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DSL:	All chemical substances in this material are included on or exempted from the DSL.
EINECS:	All ingredients listed or exempt.
IECSC:	All ingredients listed or exempt.
KECL:	Not determined.
TSCA:	Not determined.
MITI:	Not determined.
PICCS:	Not determined.

16. OTHER INFORMATION

Contact Point: Product Safety Manager - 1300-360-732

Prepared by: Dow Corning Australia Pty Ltd

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this Company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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