

10060

Material Safety Data Sheet



MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0	Revision Date: 08/27/2014	MSDS Number: 524454-00001	Date of last issue: - Date of first issue: 08/27/2014
----------------	------------------------------	------------------------------	--

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Product code : 000000000002411563

Chemical nature : Hydrocarbon aerosol propellant

Manufacturer or supplier's details

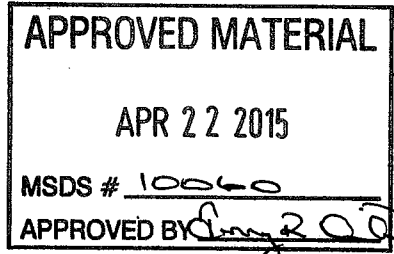
Company name of supplier : Dow Corning Corporation

Address : South Saginaw Road
Midland Michigan 48686

Telephone : (800) 248-2481

Emergency telephone : Product Safety : (888) 335-1331 NEWALTA : (800) 567-7455

Disposal considerations : (905) 826-9600



Recommended use of the chemical and restrictions on use

Recommended use : Lubricants and lubricant additives

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

DANGER	
Appearance	Aerosol containing a dissolved gas
Color	dark gray
Odor	solvent
Hazard Summary	Extremely flammable aerosol. High pressure gas. Irritant Specific Target Organ Toxicity Potential for suffocation

WHMIS Regulatory status : This product, material or substance is a WHMIS controlled product per Sections 33 - 66, Part IV of the CPR.

Potential Health Effects

Target Organs : Central nervous system

Inhalation : Gas reduces oxygen available for breathing.
May cause drowsiness or dizziness.

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0 Revision Date: 08/27/2014 MSDS Number: 524454-00001 Date of last issue: -
 Date of first issue: 08/27/2014

Skin : Causes skin irritation.

Eyes : No significant irritation expected from a single exposure.

Ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Aggravated Medical Condition : None known.

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Hydrocarbon aerosol propellant

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Naphtha, Petroleum, Light Alkylate	64741-66-8	>= 50 - < 70
Liquified petroleum gas (LPG)	68476-85-7	>= 20 - < 30
Molybdenum sulfide	1317-33-5	>= 10 - < 20

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
 When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
 If not breathing, give artificial respiration.
 If breathing is difficult, give oxygen.
 Get medical attention immediately.

In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

	Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Protection of first-aiders	: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.
Notes to physician	: Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Water spray Alcohol-resistant foam Dry chemical Carbon dioxide (CO2)
Unsuitable extinguishing media	: None known.
Specific hazards during fire fighting	: Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
Hazardous combustion products	: Carbon oxides Metal oxides Sulfur oxides
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Cool containers/tanks with water spray. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protection	: Remove all sources of ignition.
----------------------------------	-----------------------------------

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0	Revision Date: 08/27/2014	MSDS Number: 524454-00001	Date of last issue: - Date of first issue: 08/27/2014
----------------	------------------------------	------------------------------	--

tive equipment and emergency procedures	: Ventilate the area. Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	: Non-sparking tools should be used. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Suppress (knock down) gases/vapors/mists with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national 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 regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	: Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation.
Advice on safe handling	: Do not get on skin or clothing. Do not breathe vapors or spray mist. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	: Keep in properly labeled containers.

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0 Revision Date: 08/27/2014 MSDS Number: 524454-00001 Date of last issue: -
 Date of first issue: 08/27/2014

Keep in a cool, well-ventilated place.
 Do not enter storage areas unless adequately ventilated.
 Store in accordance with the particular national regulations.
 Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C / 122 °F. Also after use, do not open with force or burn.

Materials to avoid : Do not store with the following product types:
 Self-reactive substances and mixtures
 Organic peroxides
 Oxidizing agents
 Flammable solids
 Pyrophoric liquids
 Pyrophoric solids
 Self-heating substances and mixtures
 Substances and mixtures which in contact with water emit flammable gases
 Explosives

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Naphtha, Petroleum, Light Alkylate	64741-66-8	TWA (Mist)	5 mg/m3	CA AB OEL
		STEL (Mist)	10 mg/m3	CA AB OEL
		TWAEV (Mist)	5 mg/m3	CA QC OEL
		STEV (Mist)	10 mg/m3	CA QC OEL
Liquified petroleum gas (LPG)	68476-85-7	TWA	1,000 ppm	CA AB OEL
		STEL	1,500 ppm	CA AB OEL
		TWA	1,000 ppm	CA BC OEL
		STEL	1,250 ppm	CA BC OEL
		TWAEV	1,000 ppm 1,800 mg/m3	CA QC OEL
		Molybdenum sulfide	1317-33-5	TWA (Total)
		TWA (Respirable)	3 mg/m3 (Molybdenum)	CA AB OEL
		TWAEV	10 mg/m3 (Molybdenum)	CA QC OEL
		TWA (Inhalable)	10 mg/m3 (Molybdenum)	CA BC OEL
		TWA (Respirable)	3 mg/m3 (Molybdenum)	CA BC OEL
		TWA (Inhalable fraction)	10 mg/m3 (Molybdenum)	ACGIH

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0 Revision Date: 08/27/2014 MSDS Number: 524454-00001 Date of last issue: -
 Date of first issue: 08/27/2014

		TWA (Respirable fraction)	3 mg/m3 (Molybdenum)	ACGIH
White mineral oil (petroleum)	8042-47-5	TWA (Mist)	1 mg/m3	CA BC OEL
		TWA (Mist)	5 mg/m3	CA AB OEL
		STEL (Mist)	10 mg/m3	CA AB OEL
		TWAEV (Mist)	5 mg/m3	CA QC OEL
		STEV (Mist)	10 mg/m3	CA QC OEL
		TWA (Inhalable fraction)	5 mg/m3	ACGIH
Graphite	7782-42-5	TWA (Respirable)	2 mg/m3	CA BC OEL
		TWA (Respirable)	2 mg/m3	CA AB OEL
		TWAEV (Respirable fibres)	5 mg/m3	CA QC OEL
		TWAEV (Total fibres)	10 mg/m3	CA QC OEL
		TWAEV (respirable dust)	2 mg/m3	CA QC OEL
		TWA (Respirable fraction)	2 mg/m3	ACGIH

Engineering measures : Minimize workplace exposure concentrations.
 Use only in an area equipped with explosion proof exhaust ventilation.
 Use with local exhaust ventilation.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Self-contained breathing apparatus

Hand protection

Material : Impervious gloves
 Flame retardant gloves

Remarks : Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

- Eye protection : Wear the following personal protective equipment:
Safety glasses

- Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Wear the following personal protective equipment:
Flame retardant antistatic protective clothing.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

- Hygiene measures : Ensure that eye flushing systems and safety showers are located close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.
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 type 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Aerosol containing a dissolved gas

- Color : dark gray

- Odor : solvent

- Odor Threshold : No data available

- pH : Not applicable

- Melting point/freezing point : No data available

- Initial boiling point and boiling range : Not applicable

- Flash point : Not applicable

- Evaporation rate : Not applicable

- Flammability (solid, gas) : Extremely flammable aerosol.

- Upper explosion limit : No data available

- Lower explosion limit : No data available

- Vapor pressure : No data available

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

Relative vapor density	:	No data available
Relative density	:	1
Solubility(ies)		
Water solubility	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity		
Viscosity, dynamic	:	Not applicable
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Molecular weight	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Extremely flammable aerosol. Vapors may form explosive mixture with air. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure. Can react with strong oxidizing agents.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Ingredients:**Naphtha, Petroleum, Light Alkylate:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

Acute inhalation toxicity : LC50 (Rat): > 7.6 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Liquified petroleum gas (LPG):

Acute inhalation toxicity : LC50 (Mouse): 520400 ppm
Exposure time: 2 h
Test atmosphere: gas
Remarks: Based on data from similar materials

Molybdenum sulfide:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 401
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): > 2.82 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Causes skin irritation.

Ingredients:**Naphtha, Petroleum, Light Alkylate:**

Species: Rabbit
Method: OECD Test Guideline 404
Result: Skin irritation

Molybdenum sulfide:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Ingredients:**Naphtha, Petroleum, Light Alkylate:**

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

Species: Rabbit
Result: No eye irritation

Molybdenum sulfide:

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.
Respiratory sensitization: Not classified based on available information.

Ingredients:**Naphtha, Petroleum, Light Alkylate:**

Test Type: Buehler Test
Routes of exposure: Skin contact
Species: Guinea pig
Result: negative

Molybdenum sulfide:

Test Type: Maximization Test (GPMT)
Routes of exposure: Skin contact
Species: Guinea pig
Result: negative

Germ cell mutagenicity

Not classified based on available information.

Ingredients:**Naphtha, Petroleum, Light Alkylate:**

Genotoxicity in vitro : Test Type: Saccharomyces cerevisiae, gene mutation assay
(in vitro)
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo
cytogenetic assay)
Test species: Rat
Application Route: Inhalation
Result: negative

Liquified petroleum gas (LPG):

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro
Method: OECD Test Guideline 473
Result: negative
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo
cytogenetic assay)
Test species: Rat
Application Route: inhalation (gas)
Method: OECD Test Guideline 474

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0	Revision Date: 08/27/2014	MSDS Number: 524454-00001	Date of last issue: - Date of first issue: 08/27/2014
----------------	------------------------------	------------------------------	--

Result: negative

Molybdenum sulfide:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Method: OECD Test Guideline 471
Result: negative

Carcinogenicity

Not classified based on available information.

Ingredients:

Naphtha, Petroleum, Light Alkylate:

Species: Mouse
Application Route: Skin contact
Exposure time: 102 weeks
Result: negative

Liquified petroleum gas (LPG):

Species: Mouse
Application Route: inhalation (gas)
Exposure time: 103 weeks
Result: negative
Remarks: Based on data from similar materials

Molybdenum sulfide:

Species: Rat
Application Route: Ingestion
Exposure time: 232 days
Result: negative

Reproductive toxicity

Not classified based on available information.

Ingredients:

Naphtha, Petroleum, Light Alkylate:

Effects on fertility : Test Type: Two-generation reproduction toxicity study
Species: Rat
Application Route: Inhalation
Result: negative

Liquified petroleum gas (LPG):

Effects on fertility : Test Type: Reproduction/Developmental toxicity screening test
Species: Rat
Application Route: inhalation (gas)
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development
Species: Rat
Application Route: inhalation (gas)
Method: OECD Test Guideline 414

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version 1.0 Revision Date: 08/27/2014 MSDS Number: 524454-00001 Date of last issue: -
Date of first issue: 08/27/2014

Result: negative

STOT-single exposure

Short-term exposure may cause target organ effects

Ingredients:

Naphtha, Petroleum, Light Alkylate:

Assessment: May cause drowsiness or dizziness.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity

Ingredients:

Naphtha, Petroleum, Light Alkylate:

Species: Rat

NOAEL: 10 mg/l

Application Route: inhalation (vapor)

Exposure time: 13 w

Method: OPPTS 870.3465

Liquified petroleum gas (LPG):

Species: Rat

NOAEL: 10000 ppm

Application Route: inhalation (gas)

Exposure time: 13 w

Aspiration toxicity

Not classified based on available information.

Ingredients:

Naphtha, Petroleum, Light Alkylate:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

Naphtha, Petroleum, Light Alkylate:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)); 8.2 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)); 4.5 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

- Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 3.1 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 2.6 mg/l
Exposure time: 21 d
Method: OECD Test Guideline 211
- Molybdenum sulfide:**
- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 644.2 mg/l
Exposure time: 96 h
Remarks: Based on data from similar materials
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 130.9 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
Remarks: Based on data from similar materials
- Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 289.2 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Based on data from similar materials
- Toxicity to fish (Chronic toxicity) : NOEC (Oncorhynchus mykiss (rainbow trout)): > 17 mg/l
Exposure time: 12 Months
Remarks: Based on data from similar materials
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Ceriodaphnia dubia (water flea)): 156.5 mg/l
Exposure time: 21 d
Remarks: Based on data from similar materials
- Toxicity to bacteria : NOEC: > 950 mg/l
Exposure time: 17 d
Remarks: Based on data from similar materials

Persistence and degradability**Ingredients:****Naphtha, Petroleum, Light Alkylate:**

- Biodegradability : Result: Readily biodegradable.
Biodegradation: 77 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

Liquified petroleum gas (LPG):

- Biodegradability : Result: Readily biodegradable.
Biodegradation: 70 %

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

Bioaccumulative potential

Ingredients:

Naphtha, Petroleum, Light Alkylate:

Partition coefficient: n-octanol/water : log Pow: > 4
 Remarks: Based on data from similar materials

Liquified petroleum gas (LPG):

Partition coefficient: n-octanol/water : log Pow: 1.09

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.
 Empty containers should be taken to an approved waste handling site for recycling or disposal.
 Do not burn.
 Please ensure aerosol cans are sprayed completely empty (including propellant)

SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

UN number : UN 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : 2.1

IATA-DGR

UN/ID No. : UN 1950
 Proper shipping name : Aerosols, flammable
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : Flammable Gas
 Packing instruction (cargo aircraft) : 203

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

Packing instruction (passenger aircraft) : 203

IMDG-Code

UN number : UN 1950
 Proper shipping name : AEROSOLS
 (Naphtha, Petroleum, Light Alkylate)
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : 2.1
 EmS Code : F-D, S-U
 Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

TDG

UN number : UN 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : 2.1
 ERG Code : 126
 Marine pollutant : yes (Naphtha, Petroleum, Light Alkylate)

SECTION 15. REGULATORY INFORMATION

WHMIS Classification : A: Compressed Gas
 B5: Flammable Aerosol
 D2B: Toxic Material Causing Other Toxic Effects

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The ingredients of this product are reported in the following inventories:

NZIoC : 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.
 AICS : All ingredients listed or exempt.
 IECSC : All ingredients listed or exempt.
 KECI : All ingredients listed, exempt or notified.
 PICCS : All ingredients listed or exempt.

MOLYKOTE(R) G-N METAL ASSEMBLY SPRAY

Version	Revision Date:	MSDS Number:	Date of last issue: -
1.0	08/27/2014	524454-00001	Date of first issue: 08/27/2014

DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	: Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	: Canada. British Columbia OEL
CA QC OEL	: Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA	: 8-hour, time-weighted average
CA AB OEL / TWA	: 8-hour Occupational exposure limit
CA AB OEL / STEL	: 15-minute occupational exposure limit
CA BC OEL / TWA	: 8-hour time weighted average
CA BC OEL / STEL	: short-term exposure limit
CA QC OEL / TWA EV	: Time-weighted average exposure value
CA QC OEL / STEV	: Short-term exposure value

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

CA / Z8