

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product name	WEATHER STRIP LUBE & SHIELD (LS-300)
Chemical family	Aliphatic hydrocarbon/ketone/silicone
Supplier	DEK Canada Inc. 1928 St-Regis Blvd Dorval, Qc H9P 1H6

SECTION IA: FIRST AID MEASURES

Eye contact	Flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation develops or persists, consult a physician.
Skin contact	Wash thoroughly with soap and water. If irritation persists, seek medical attention. Remove contaminated clothing and wash before reuse.
Inhalation	Remove affected person to fresh air. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get immediate medical attention.
Ingestion	DO NOT induce vomiting. Get immediate medical attention. Guard against aspiration into the lungs. Aspiration of material into lungs due to vomiting may cause chemical pneumonitis which can be fatal.

SECTION II: HAZARDOUS INGREDIENTS

Name	CAS#	%	Exposure limits LD/50 LC/50
Acetone	67-64-1	3-7	ORAL (LD50) mg/kg; Acute: 9750 (Rat) VAPOR (LC50) ppm: Acute: 16000 (Rat) (4 hours) 20000 (Rabbit) (4 hours).
Normal Heptane	142-82-5	60-100	ORAL (LD50) mg/kg; Acute: 15000 (Rat).
Liquified Petroleum Gas	68476-85-7	10-30	Not available

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(LS-300)

SECTION III: PHYSICAL DATA

Physical state and appearance	Liquid (Aerosol concentrate), clear, colourless
Odour	Mild
Specific gravity (Water = 1)	0.700 – 0.730
Odour threshold	49 ppm based on data for : Normal heptane
Vapour pressure (mm Hg)	38 mm of Hg (@ 20°C) based on data for: Normal heptane
Vapour density (Air = 1)	3.45 based on data for: Normal heptane
Evaporation rate	4.5 based on data for: Normal heptane (Butyl acetate)
Boiling point	92°C
pH	Not available
Solubility in water	Miscible in water
Water/oil dist. Coeff	Not available
Volatility %	Not available
Melting point	Not available
Molecular weight	Not applicable

SECTION IV: FIRE AND EXPLOSION DATA

Flammability	Extremely flammable aerosol. Dangerous fire hazard when exposed to heat, open flames, sparks or ignition sources. The flashpoint of an aerosol by WHMIS definition is determined by its flame-extension of its flashback. The flame-extension of this product is greater than 45 cm. Canadian NFC, Level 3.
Auto-ignition temperature	215° C based on data for: Normal heptane.
Fire degradation products	These products are carbon oxides (CO, CO ₂), silicone dioxide and other irritating gases.
Flash point (°C method)	CLOSED CUP: (TAG) -17.8°C (Acetone).
Upper flammable limit (% vol)	12.6%
Lower flammable limit	1.1%
Extinguishing media	Extremely flammable aerosol, liquid is miscible in water. Small fire: Use DRY chemicals, CO ₂ or alcohol foam. Large fire: Use alcohol foam or water fog. Cool containing vessels with water spray in order to prevent pressure build-up, auto-ignition or explosion. Avoid spreading burning liquid with water used to cool containers. Self-contained respiratory protection should be provided for firefighters.

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Risks of explosion	Risks of explosion of the product in presence of mechanical impact: Do NOT subject aerosol cans to impact. Risks of explosion of the product in presence of static discharge: Aerosol spray may be sensitive to static discharge due to flammable concentrate. Vapours of this product may form a flammable/explosive mixture with air in enclosed areas when vapours present are between the lower (1.1%) and upper (12.6%) flammable limits and come into contact with open flames, sparks or static discharge. Do NOT expose aerosol containers to open flames, heat or ignition sources.
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SECTION V: REACTIVITY DATA

Hazardous decomposition	Not available.
Products of degradation	These products are carbon oxides, (CO, CO ₂), silicone dioxide, water and other irritating gases.
Corrosivity	Not considered to be corrosive for metals and glass according to our database.
Reactivity	Avoid contact with strong oxidizing agents, strong acids and strong alkalies. Keep away from heat, sparks, open flame, and all Possible ignition sources.

SECTION VI: TOXICOLOGICAL PROPERTIES

Route of entry	Ingestion. Inhalation. Eye contact. Skin contact.
TLV	Acetone TWA: 750 (ppm) Normal heptane TWA: 400 CEIL: 500 (ppm) TWA: 1600 CEIL: 2000 (mg/m ³) Carbon dioxide TWA: 5000 (ppm)
Skin contact	May cause irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis.
Inhalation	Vapours may be irritating to nose, throat and respiratory tract. Excessive inhalation of vapours may cause Central Nervous, system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Ingestion	May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Can be fatal if inhaled or ingested. This product may irritate eyes and skin upon contact.
Eye contact	May cause irritation, redness and tearing.
Carcinogenicity	The ingredients of this product have not been listed ascarcinogens by the National Toxicology Program (NTP)
Teratogenicity	Not available.

Mutagenicity	Not available.
Reproductive effects	Not available.
Synergistic materials	Not available.

SECTION VII: PREVENTIVE AND CORRECTIVE MEASURES

Ventilation requirements	Use with adequate ventilation.
Waste disposal	Recycle to process, if possible. Consult your local or regional authorities. Do not dispose in sewers. When container is empty, press button to release all pressure, then dispose of in garbage can.
Precautions	Contents under pressure. Container may explode if heated. Do not use in the presence of open flame or spark. Keep away from heat. Direct inhalation of spray mist. Avoid contact with skin and eyes. If ingested, seek medical advice immediately and show the container of the label. Keep away from incompatibles, such as strong oxidizing agents, strong acids and strong alkalies. Keep out reach of children.
Storage requirements	Keep in a cool, well-ventilated place. Keep away from heat, open flame and sources of ignition. Do not puncture, incinerate or store the container at temperatures over 50°C or in direct sunlight.
Leak and spill procedures	Ventilate area and eliminate all sources of ignition. Keep away from heat. Absorb with an inert DRY material and place in an appropriate waste disposal container.

SECTION VIII: CLASSIFICATION

T.D.G. road / rail	CONSUMER COMMODITY
EMERGENCY: PLEASE CONTACT YOUR LOCAL AUTHORITIES	

SECTION IX: REGULATORY INFORMATION

CPR compliance	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information Required by the CPR
WHMIS classification	CLASS A, B-5, D-2B.

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SECTION X: PERSONAL PROTECTIVE EQUIPMENT

Protective equipment	
Gloves	It is recommended to wear rubber gloves.
Footwear	Not required
Eyes	It is recommended to wear safety glasses.
Respiratory	Be sure to use a MSHA/NIOSH approved respirator or equivalent when ventilation is inadequate.
Clothing	Not required

SECTION XI: PREPARATION DATA OF MSDS

Prepared and Verified by DEK CANADA INC.

Date May 15, 2008

CAUTION: The information contained herein is accurate to the best of our knowledge. However, the above name supplier does not assume any liability whatsoever for the accuracy or completeness of the information. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, all materials may present unknown hazards and should be used with caution.
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