

MATERIAL SAFETY DATA SHEET

MSDS 0545

*RectorSeal Lube-R-Coat
w/ Teflon All in One*

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	HMIS CODES
Lube-R-Coat Aerosol	Health 1
	Flammability 2
	Reactivity 0
	PPI B
PRODUCT CODES	
86533	
CHEMICAL FAMILY	
Organic	
USE	
Lubricant	
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
The RectorSeal Corporation	Chemtrec 24 Hours
2601 Spenwick Drive	(800) 424-9300
Houston, Texas 77055 USA	
DATE OF PREPARATION	TECHNICAL SERVICE TELEPHONE NO.
October 28, 2002	(800) 231-3345

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS
--	8008-20-6	Kerosene	
		ACGIH TLV	N/D
		OSHA PEL	N/D
--	64742-54-7	Base Stock Oil	
		ACGIH TLV	N/D
		OSHA PEL	N/D

Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

Repeated inhalation may cause dizziness, nausea and CNS effects. May cause severe eye and skin irritation.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

EYE CONTACT

Contact with eyes may cause severe irritation.

SKIN CONTACT

Irritation and drying.

INGESTION

May cause irritation of the digestive tract. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

SUMMARY OF CHRONIC HAZARDS

Skin irritation, contact dermatitis, and defatting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Section 4 -- FIRST AID MEASURES

If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on SKIN: Immediately wash with soap and water. Remove and wash any contaminated clothing.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.

If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT LEL UEL
 186 F (86 C) SETA CC N/D N/D
 Positive Flame Extension, (NFPA) Level 3 Aerosol
 EXTINGUISHING MEDIA

Foam, dry chemical, CO₂, or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and full body protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate area. Dike area as run-off may create additional environmental contamination.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans are under pressure - exposure to temperatures above 120F can cause bursting or "rocketing" of cans.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. Ventilate area with forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Shake well before using. Keep away from heat and open flames. Prolonged exposure to direct sunshine or storage above 120 F may cause can to burst. Do not puncture or incinerate can. OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirator.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion proof

MECHANICAL (GENERAL): Acceptable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant coveralls recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 320 F (160 C) @ 760 mm Hg
 SPECIFIC GRAVITY (H₂O = 1): <1
 VAPOR PRESSURE (mm Hg): N/D
 MELTING POINT: N/A
 VAPOR DENSITY (AIR = 1): <1
 EVAPORATION RATE (ETHYL ACETATE = 1): >1
 APPEARANCE/ODOR: Amber Liquid / Petroleum Odor
 SOLUBILITY IN WATER: Insoluble

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
 CONDITIONS TO AVOID: Do not store in temperatures above 120 F.
 INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.
 HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO, and fragmented hydrocarbons.
 HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

Ingredient Name

Kerosene

Oral-Rat LD50:>5 g/kg
 Inhalation-Rat LC50:N/D

Base Stock Oil

Oral-Rat LD50:>5 g/kg
 Inhalation-Rat LC50:N/D

Section 12 -- Ecological Information

ECOLOGICAL DATA

Ingredient Name

Kerosene

Food Chain Concentration Potential: None
 WATERFOWL TOXICITY: N/A
 BOD: 53%
 AQUATIC TOXICITY: N/A

Base Stock Oil

Food Chain Concentration Potential: N/D
 WATERFOWL TOXICITY: N/D
 BOD: N/D
 AQUATIC TOXICITY: N/D

Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Aerosols

Disposal Method: Empty containers can be disposed of in trash. Full containers should be depressurized to separate liquid phase.
 Dispose of all liquid waste in accordance with all local, state and federal regulations.

Section 14 -- TRANSPORTATION INFORMATION

DOT: Consumer Commodity ORM-D

OCEAN (IMDG): Aerosols, Class 2.1, UN 1950, IMDG#2102, EMS#2-13

AIR (IATA): Aerosols, Class 2.1, UN 1950, ERG#126

WHMIS (CANADA): Class B-5

Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

Ingredient Name

Kerosene

SARA 313 No
 TSCA Inventory Yes
 CERCLA RQ N/A
 RCRA Code N/A

Base Stock Oil

SARA 313 No
 TSCA Inventory Yes

CERCLA RQ	N/A
RCRA Code	N/A

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001