

MATERIAL SAFETY DATA SHEET

MSDS 0197

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

		HMIS CODES	
PRODUCT NAME		Health	1
Food Grade Silicone		Flammability	3
		Reactivity	0
PRODUCT CODES		PPI	B
73921			
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			
VALIDATION DATE		TECHNICAL SERVICE TELEPHONE NO.	
May 30, 2006		(800) 231-3345	
REVISION DATE			
May 30, 2006			

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 Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS
--	64742-89-8	Petroleum Distillate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
--	63148-62-9	Dimethyl Siloxane	
		ACGIH TLV	N/D
		OSHA PEL	N/D
--	68476-85-7	Petroleum Gas	
		ACGIH TLV	N/D
		OSHA PEL	N/D
--	110-54-3	Hexane	
		ACGIH TLV	N/D
		OSHA PEL	N/D

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 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
65 F (18 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: >252 F (122 C) @ 760mm Hg
 SPECIFIC GRAVITY (H2O = 1): 0.80
 VAPOR PRESSURE (mm Hg): N/D
 MELTING POINT: N/A
 VAPOR DENSITY (AIR = 1): <1
 EVAPORATION RATE (ETHYL ACETATE = 1): >1
 APPEARANCE/ODOR: Clear 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

Petroleum Distillate	Oral-Rat LD50:N/D Inhalation-Rat LC50:N/D
Dimethyl Siloxane	Oral-Rat LD50:N/D Inhalation-Rat LC50:N/D
Petroleum Gas	Oral-Rat LD50:N/D Inhalation-Rat LC50:N/D
Hexane	Oral-Rat LD50:28,710 mg/kg Inhalation-Rat LC50:N/D

Section 12 -- Ecological Information

ECOLOGICAL DATA

Ingredient Name

Petroleum Distillate	Food Chain Concentration Potential: N/D WATERFOWL TOXICITY: N/D BOD: N/D AQUATIC TOXICITY: N/D
Dimethyl Siloxane	Food Chain Concentration Potential: N/D

WATERFOWL TOXICITY: N/D
 BOD: N/D
 AQUATIC TOXICITY: N/D

Petroleum Gas

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

Hexane

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

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 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.

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 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

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 Section 15 -- REGULATORY INFORMATION

REGULATORY DATA
 Ingredient Name

Petroleum Distillate	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Dimethyl Siloxane	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Petroleum Gas	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Hexane	SARA 313	Yes
	TSCA Inventory	Yes
	CERCLA RQ	5,000 lb.
	RCRA Code	N/A

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 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