

SUPERCOOL

SUPER VAC 100

MATERIAL SAFETY DATA SHEET

Emergency Phone Number: 904-378-3232

Date : Nov. 12, 2009

SECTION 1

Company Name:

COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Tire Seal, Inc.

Address:

3574 Corona St., Lake Worth, FL 33461

Phone / Fax:

561-582-2245 / 561-582-1499

Trade Name:

Supercool Vaccum Pump Lubricant 100 -- V32, V128, CQV32

Chemical Name:

Partial Synthetic Petroleum Hydrocarbon

Chemical Family:

Partial Synthetic Petroleum Hydrocarbon

Formula:

Proprietary

CAS#:

Proprietary

Applications:

Supercool Vaccum Pump oil is formulated to provide low volatility and high resistance to oxidation. It improves performance and extends life in all types of vacuum pumps.

SECTION 2

General:

COMPOSITION / INFORMATION ON INGREDIENTS

This Product is Non-Hazardous. This product contains No Known Carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.

FDA Statement:

N/A

SECTION 3

Appearance:

HAZARDS IDENTIFICATION

Clear liquid, Very Slight Yellow Tint

Known Hazards:

This product does not require any special warning labels under OSHA 29 CFR 1910.1200, and contains no known hazardous ingredients.

SECTION 4

Eyes:

FIRST AID MEASURES

Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Physician assessment if eyes are inflamed.

Skin:

Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.

Inhalation:

Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.

Ingestion:

Do not induce vomiting. Force fluid. Has laxative effect.

SECTION 5

Flash Point:

FIRE FIGHTING MEASURES

410 °F min

Flammable Limits:

N/A

Auto Ignition Temp:

N/A

Fire & Explosion Hazards:

LOW FIRE HAZARD - Do not cut, drill, or weld empty containers

Extinguishing Media:

Dry chemical foam, water spray, carbon dioxide for small fires

Fire Fighting Procedures:

Contain liquid, cover with extinguishing agent, use water spray to cool fire exposed containers & as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

SECTION 6

Spill or Leak:

ACCIDENTAL RELEASE MEASURES

Contain spill, absorb with inert absorbants such as dry clay, sand, or diatomaceous earth, commercial absorbants, or recover using pumps. Scoop up used absorbants into appropriate receptacles.

Waste Disposal:

Dispose in approved, secure landfill site or through a licensed waste reclaimer.

SECTION 7

Storage Temp - min / max:
 Shelf Life:
 Precautions:

HANDLING AND STORAGE

None / 104 °F recommended
 Indefinite in original container
 Not for internal use. Avoid contact with skin, eyes, and clothing.

SECTION 8

Eye Protection:

EXPOSURE CONTROL / PERSONAL PROTECTION

Normally none required, chemical goggles if splashing is likely or high pressure systems are used.

Skin Protection:

Normally none required, for direct contact of more than 2 hours, PVC, Viton, or Nitrile gloves are recommended.

Respiratory Protection:

Normally not necessary. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.

Ventilation:

General ventilation.

Exposure Limits:

Acute LD₅₀ >5000 mg/Kg (rat, Oral) Practically Non-Toxic

SECTION 9

Appearance:

PHYSICAL AND CHEMICAL PROPERTIES

Clear liquid, Very Slight Yellow Tint

Boiling Point:

>570 °F

Vapor Pressure:

<0.001 kPa @ 25 °C

Specific Gravity:

0.85 - 0.88

Volatilities, % Volume

0%

Odor:

Very Slight Hydrocarbon Odor

Solubility in Water:

Negligible

Evaporation Rate:

Nil

Viscosity:

@40 °C Varies Depending on grade

SECTION 10

Stability:

REACTIVITY

Product is stable

Hazardous Polymerization:

Will not occur

Incompatibilities:

Strong oxidizers

Decomposition Products:

Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

SECTION 11

General:

TOXICOLOGICAL INFORMATION

Acute LD₅₀ > 5000 mg/Kg (rat, Oral) Practically Non-Toxic. Negative when tested by modified Ames Test for Carcinogenicity.

SECTION 12

General:

ECOLOGICAL INFORMATION

N/A

SECTION 13

Waste Disposal:

DISPOSAL CONSIDERATIONS

Used product must be disposed of in accordance with Federal, State, and Local environmental control regulations. Incineration is preferred.

DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.

SECTION 14

Technical Name:

TRANSPORTATION INFORMATION

Partial Synthetic Petroleum Hydrocarbon

D.O.T. Hazard Class:

Not Regulated

U.N. / N.A. #

Not Regulated

Product Label:

Super Vac 100

SECTION 15

OSHA STATUS:

REGULATORY INFORMATION

Not hazardous under 29 CFR 1910.1200.

TSCA STATUS:

N/A

RCRA STATUS:

If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste. (40 CFR 261.20-24)

SECTION 16

General:

OTHER INFORMATION

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