

WITCO MATERIAL SAFETY DATA SHEET

PETROLATUM G-1937

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Product Code: 374 0218C

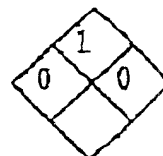
CAS NO: 8009-03-8

NFPA HAZARD RATING

4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant

Fire

Toxicity



Reactivity

Special

HMIS HAZARD INDEX

Hazardous Materials Identification System
4 - Severe
3 - Serious
2 - Moderate
1 - Slight
0 - Minimal

HMIS RATINGS

Health.....
Flammability.....
Reactivity.....
Personal protection.....

DIVISION AND LOCATION---SECTION I

Division: PERFORMANCE CHEMICALS GROUP

Location: PETROLIA, PA

P.O. BOX 336, PETROLIA, PA, 16050

Emergency Telephone Number: (724) 756-2210

Transportation Emergency: CHEMTREC 1-(800) 424-9300 (U.S. and Canada)

CHEMICAL AND PHYSICAL PROPERTIES---SECTION II

Chemical Name:

petrolatum USP

Formula: a mixture of hydrocarbons refined from petroleum

Hazardous Decomposition Products:

carbon monoxide and carbon dioxide from burning.

Incompatibility (Keep away from):

strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

Toxic and Hazardous Ingredients:

none

Form: semi-solid

Odor: none

Appearance: opaque

Color: white to amber

Specific Gravity (water=1): less than 1

Boiling Point: no data available

Melting Point: 38 to 60°C (100 to 140°F)

Solubility in water (by weight %): nil

Volatile (by weight %): 0 at 25°C

Evaporation Rate: 0 at 25°C

Vapor Pressure (mm Hg at 20°C): less than .0005

Vapor Density (air=1): not applicable

pH (as is): not applicable

Stability: Product is stable under normal conditions

Viscosity SUS at 100°F: not applicable

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FIRE AND EXPLOSION DATA---SECTION III

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus. Water spray is an unsuitable extinguishing agent. (See Extinguishing Agents)

Unusual Fire and Explosion Hazards:

none

Flashpoint: (Method Used) ASTM D-92 greater than 204°C (400°F)

Flammable limits %: no data available

Extinguishing agents:

Drychemical or Waterfog or CO₂ or Foam or Sand/Earth
Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air):

See Comments Section IX

Chronic effects of overexposure:

no data available

Acute toxicological properties:

no data available

Emergency First Aid Procedures:

Eyes: For molten product only, immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: If burned by contact with hot material, cool burned skin area as quickly as possible by immersing in cold water, or applying cold water. Call a physician.

Inhalation: not applicable

If Swallowed: Contact a physician immediately.

SPECIAL PROTECTION INFORMATION---SECTION V

Ventilation Type Required (Local, mechanical, special):

See Comments Section IX

Respiratory Protection (Specify type):

none

Protective Gloves:

heat protective impervious gloves when handling molten product.

Eye Protection:

chemical safety goggles and, if handled hot, full face shield

Other Protective Equipment:

coveralls when handling molten product

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W I T C O M A T E R I A L S A F E T Y D A T A S H E E T

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HANDLING OF SPILLS OR LEAKS---SECTION VI

Procedures for Clean-Up:

Shut off leak and dike up large spills. After cooling and solidification, scrape and/or shovel up material. Finally, clean area with an oil absorbent material.

Waste Disposal:

Dispose of in accordance with all applicable Federal, State and local regulations.

SPECIAL PRECAUTIONS---SECTION VII

Precautions to be taken in handling and storage:

Keep away from heat and flames.

Do not store near strong oxidizing agents.

FOR BULK SHIPMENTS:

Product will normally be maintained in a heated, liquid form.

Exercise suitable precautions to avoid thermal burns.

Avoid breathing mist or fumes/vapors from hot material.

Maximum Storage Temperature: 93°C (200°F)

TRANSPORTATION DATA---SECTION VIII

D.O.T.: Not Regulated

Reportable Quantity: not applicable

Freight Classification: Petrolatum

Special Transportation Notes:

none

COMMENTS

Under normal use conditions no absorption through the skin, by inhalation or other route of entry into the human body is anticipated.

If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m³ for mineral oil mist (OSHA and ACGIH). Petrolatum USP grades are fully refined materials meeting the requirements of the United States Pharmacopeia XXII and the requirements of the Food and Drug Administration as per Title 21 CFR parts 172.880 and 178.3700.

LABEL INFORMATION

This product is made in a manner to insure quality, purity and stability. Handle carefully to preserve its original quality. May contain up to 10 ppm Butylated Hydroxytoluene (BHT) as stabilizer. Hazard warning label not required under OSHA Hazard Communication Standard 29 CFR 1910.1200.

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(LABEL INFORMATION continued)

SPILLS OR LEAKS: Shut off leak and dike up large spills. After cooling and solidification, scrape and/or shovel up material. Finally, clean area with an oil absorbent material. Dispose of in compliance with Federal, State, and local regulations.

FOR MANUFACTURING USE ONLY. SEE MATERIAL SAFETY DATA SHEET FOR DETAILED INFORMATION.

ATTENTION: Never use pressure to empty; drum is not a pressure vessel. When empty, drum may have vapor or product residue. Residual vapors may explode on ignition; do not puncture, drill, grind or weld on or near this container.

NJ/PA R-T-K Info: Petrolatum CAS# 8009-03-8.

Signature: Kenneth Blair

Title: MANAGER, Regulatory Affairs 203-552-3467

Original Date:

Sent to:

Revision Date: 10/01/97

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Date Sent :

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