

SAFETY DATA SHEET



Revision Date: 05/15/2015
Revision Number: 001.1

1. PRODUCT AND COMPANY INFORMATION

Product Name:	Technical Petrolatum Meets VVP-236	Item number(s):	12-01, 12-02, 12-03,
Product Type/Use:	Lubricant	Region(s):	United States
Restriction of Use:	None Identified	Telephone:	949 646-9035
Company Address:	Armite Laboratories Inc. 1560 Superior Ave Ste. A-4 Costa Mesa, CA 92627	Product Emergency:	CHEM-TEL 800-225-3924

2. HAZARD IDENTIFICATION

GHS Classification: Not classified as dangerous under EC/GHS-criteria
Human Health Hazards: None
Physico-chemical and environmental hazards and effects: None

PRECAUTIONARY STATEMENTS

Prevention: WHEN MOLTEN, (molten product can cause thermal burns) Wear suitable protective equipment if using hot material.

Response: IF ON SKIN, or IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation develops seek medical advice/attention.

Storage: Not prescribed.

Disposal: Not prescribed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS Number	Percentage by weight*
Petroleum Jelly (Petrolatum)	8009-03-8	100

4. FIRST AID MEASURES

Swallowing: WHEN MOLTEN ONLY (molten product can cause thermal burns) – Obtain medical attention immediately. This is not a toxic substance.

Inhalation: No emergency care anticipated. WHEN MOLTEN ONLY (molten product can cause thermal burns) seek medical attention.

Skin contact: WHEN MOLTEN ONLY (molten product can cause thermal burns)-In serious cases, use emergency shower immediately. Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention.

Eye contact: WHEN MOLTEN ONLY (molten product can cause thermal burns) – Immediately flush eyes with water and continue washing for 15 minutes. Obtain medical attention

5. FIRE FIGHTING MEASURES

Flash Point: >93.4°C / 200°F PMCC, ASTM D93

NFPA Classification: Health: 0 Flammability: 1 Reactivity: 0

Extinguishing media

Suitable: Treat as oil fire: Foam, dry chemical, carbon dioxide or water spray (fog).

Not Suitable: Do not use water jet. Oil will float on water and can spread any fire.

Special firefighting procedures: Do not direct a solid stream of water or foam into burning material; this may cause spattering and spread the fire.

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Special Protective equipment for firefighters: Self contained breathing apparatus.

Unusual fire or explosion hazard: Following products may be produced during fire: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective equipment.

Environmental precautions: Avoid runoff to sewers and waterways. Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape/shovel material. Stop any leak when risk subsides. Use methods consistent with local regulations or incinerate.

Clean-up method: Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape and/or shovel material. Stop the leak if it can be done without risk. Surfaces will be extremely slippery, use care to avoid falling.

7. HANDLING AND STORAGE

Handling: Do not handle at temperatures $>+40^{\circ}\text{C}$ (104°F) unless wearing protective equipment. Prevent contact with eyes.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

Storage Requirements: Keep away from heat, sparks and flame. Do not store at temperatures $>40^{\circ}\text{C}$ without proper safety review of storage equipment. Store protected from light.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Petroleum Jelly (Petrolatum)	No exposure limits have been established	No exposure limits have been established	None	None

Occupational Exposure Controls

Respiratory protection: None expected to be needed.

Hand protection/protective gloves: Wear oil resistant gloves. When molten only: wear gloves impervious to this material.

Eye protection: WHEN MOLTEN- Face shields or chemical splash goggles in case of splashing.

Skin protection: WHEN MOLTEN ONLY: Wear protective clothing, such as long sleeves to minimize skin contact.

Environmental Exposure Controls: None expected to be needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Semi-Solid	Flash point:	$>93.4^{\circ}\text{C}$ / 200°F Method PMCC, ASTM D93
Color:	Light yellow	VOC content:	nil
Odor:	None or mild petroleum	Boiling point / range:	$>230^{\circ}\text{C}$ (466°F)
Odor threshold:	Not available	Melting point /range:	$35 - 80^{\circ}\text{C}$ / $95 - 176^{\circ}\text{F}$
pH:	Not available	Evaporation rate:	N/A
Vapor Pressure:	<0.1 kPa at 20°C	Solubility in water/solvent:	Insoluble / Soluble
Specific gravity ($\text{H}_2\text{O} = 1$):	<1	Partition coefficient:	log POW: >6 . This product is soluble in oil.
Solubility in organic solvents:	Soluble	Flammable/Explosive limits	
Kinematic Viscosity:	$5-30$ mm ² /s at 100°C	Lower limits:	Not determined
Autoignition temp:	No Data	Upper limits:	Not determined
Vapor Pressure:	<0.1 Pa at 20°C	Density:	$0.75 - 0.87$ g/cm ³ at 100°C
Vapor Density:	N/A	Bulk Density:	Not Available

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10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Extreme temperature and direct sunlight/ultraviolet light and strong oxidizing agents.

Hazardous decomposition products: Burning can produce the following combustion products- Oxides of carbon and soot

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects/Symptoms

No evidence of harmful effects from available information.

Hazardous Component(s)	LD50s and LC50s		Immediate and Delayed Effects
Petrolatum	None		Irritant
Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Petrolatum	No	No	No

12. ECOLOGICAL INFORMATION

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in biological waste water treatment plant.

13. DISPOSAL CONSIDERATIONS

Recommended method of disposal: Dispose of in accordance with appropriate Federal, state and local regulations or incinerate.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (49 CFR): Not regulated

Note: When transported above >100°C UN3257 ELEVATED TEMPERATURE LIQUIDS, N.O.S. (9), III
Class: 9 (M9), UN No.: 3257, Packing Group: III, Hazard No.: 99, Label 9, Technical Description: Petroleum Jelly
Freight Description Road: 65 Petroleum Oil, N.O.I.B.N

IMDG/ICAO: This product is not regulated.

TDG-Canada: This product is not regulated by TDG.

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15. REGULATORY INFORMATION

EC/GHS Classification: According to EC/GHS regulations this product is not classified or labeled.

SARA Section 311/312: None

TGD-CANADA: this product is not regulated by TDG.

WHMIS Classification: This produce is not WHMIS controlled product.

Chemical Inventory

DSL Listed
EINECS Listed
TSCA Listed
AICS Listed
ENCS Listed

STATE REGULATORY

California PROP 65: Not listed.

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical Name: Petroleum Jelly **CAS#** 8009-03-8 **New Jersey TS Number**

16. OTHER INFORMATION

HMIS Rating: Health /Flammability/Reactivity – 0, 1, 0

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

This SDS has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard CFR 1910.1200

Prepared by: Armite Laboratories, Inc.

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