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=====SECTION I PRODUCT INFORMATION=====

PRODUCT NAME AND SYNONYMS: EPDM PASTE SEALANT (LAP SEALANT)

CHEMICAL FAMILY: Elastomeric Sealant
 PRODUCT USE: Lap Sealant
 FORMULA: Mixture

Health	1
Flammability	4
Reactivity	0
Specific Hazard	-

=====SECTION II (A) HAZARDOUS INGREDIENTS=====

HAZARDOUS INGREDIENT	CAS NUMBER	PEL (ppm)			SKIN DESIG	LD500F INGREDIENT (SPECIFY SPECIES & ROUTE)	LC500F INGREDIENT (SPECIFY SPECIES) (ppm/4H)
		% TWA	STEL	CEILING			
<u>Light Aliphatic Solvent</u>							
Naphtha	64742-89-8 37-38	300	400	None	N/A	orl-rat:> 5,000	Not Available

=====SECTION II (B) ADDITIONAL INGREDIENTS (>3%)=====

Ingredients:	Ethylene-Propylene Rubber- Polybutene Calcium Carbonate	CAS # 25038-36-2 Ground Coal CAS # 9003-29-6 Paraffinic Oil CAS # 1317-65-3 Treated Clay	CAS # 125612-26-2 CAS # 64742-01-4 CAS # 1332-58-7
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=====SECTION III PHYSICAL DATA=====

<u>Physical State</u> Liquid	<u>Odor and Appearance</u> Black, viscous paste with hydrocarbon solvent order	<u>VOC (grams/Liter)</u> 390-400	<u>Odor Threshold (ppm)</u> Not Available	<u>Vapor Pressure (mm Hg)</u> 45 @25°C
<u>Vapor Density (AIR=1)</u> 3.9	<u>Evaporation Rate (nBuAc=1)</u> 1.6	<u>Boiling Point (°C)</u> 113°-142° C	<u>Freezing Point (°C)</u> <-18° C	<u>pH</u> Not Applicable
<u>Specific Gravity</u> 1.03- 1.04	<u>Coeff Water/Oil Dist</u> Not Available	<u>Solubility in Water</u> Negligible	<u>Volatiles by Wt (%)</u> 36-38	<u>Corrosivity</u> N/A

=====SECTION IV FIRE AND EXPLOSION HAZARD DATA=====

Flammability: Yes X No If Yes, Under Which Conditions? Ignition can occur when this product is exposed to heat, sparks, or flame
 Division 2

<u>Flashpoint (°C) And Method</u> 4.4° C (40° F) TCC	<u>Autoignition Temperature (°C)</u> 249° C (480° F)	<u>Lower Flammable Limit (% By Vol)</u> 0.9	<u>Upper Flammable Limit (% By Vol)</u> 7.0
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Hazardous Combustion Products: Toxic gases or vapors, such as carbon monoxide, carbon dioxide, or oxides of nitrogen may be released in a fire.

EXPLOSION DATA:

Sensitivity To Impact: There is no evidence to show that this product is sensitive to physical shock.
Sensitivity To Static Discharge: As with most hydrocarbon solvents, vapors may ignite when exposed to static discharge.
Extinguishing Media: In case of fire, use dry chemical, carbon dioxide, or foam. Water may not be effective as an extinguishing agent. Water fog or spray may be used to provide a smothering effect on fire and to cool fire-exposed containers and surrounding combustibles. Do not use a solid stream of water because it can scatter and spread the fire.

Special Fire Fighting Procedures: This product contains solvents that are dangerous fire and explosion hazards when exposed to heat or flame. Fire fighters should wear self-contained breathing apparatus and full protective clothing with a full face piece operated in the positive pressure demand mode.

Unusual Fire And Explosion Hazards: Flammable. Store and use away from all sources of heat, flame, or sparks. Do not smoke while applying. Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at location distant from material handling point and flash back. All containers should be grounded when material is transferred.

=====SECTION V REACTIVITY DATA=====

Chemical Stability: Stable **Hazardous Polymerization:** Will not occur.
Conditions to Avoid: Heat, sparks and flames; ignition sources.
Incompatibility (Materials to Avoid): Strong oxidizing agents, acids, bases.
Hazardous Decomposition Products: Toxic gases or vapors, such as carbon dioxide, or oxides of nitrogen may be released in a fire.

=====SECTION VI TOXICOLOGICAL PROPERTIES=====

Route of Entry: Skin Contact X Skin Absorption Eye Contact X Inhalation X Ingestion X

Effects of Acute Exposure To Product: Skin, eye, nose and throat irritation on short term exposure to liquid or vapor. Overexposure may result in headache, dizziness, fatigue, nausea, possible unconsciousness, and even asphyxiation. Ingestion can cause gastrointestinal irritation. Aspiration into lungs can cause chemical pneumonitis which can be fatal.

Effects of Chronic Exposure: Moderate irritation of skin, eyes, and mucous membranes of upper respiratory tract on prolonged/repeated contact; dermatitis and defatting of the skin; reversible kidney and liver injury.

Exposure Limits	Irritancy of Product	Sensitizations To Product	Carcinogenicity	OSHA
PEL-TWA Naphtha 300 ppm	Eye, nose, and throat irritation at or above vapor concentration of 300 ppm.	None known	No evidence	
Teratogenicity	Reproductive Toxicity	Mutagenicity	Synergistic Products	Tumorigenicity
No Evidence	No evidence	No evidence	None known	No evidence

=====SECTION VII PREVENATIVE MEASURES=====

PERSONAL PROTECTIVE EQUIPMENT:

- Gloves:** Hycron ® or equivalent solvent permeation resistant gloves recommended.
- Respirator:** A NIOSH approved respirator must be used if vapor concentration is 300 ppm or above.
- Eye:** Glasses or goggles recommended.
- Footwear:** Industrial shoes to protect feet from sealant contact.
- Clothing:** Long sleeves, long trousers to protect skin from sealant contact.
- Other:** Protective skin creams or emollients useful.

Engineering Controls (EG., Ventilation, Enclosed Process): Do not use in enclosed areas without proper explosion-proof ventilation. General and local exhaust ventilation must be sufficient to control vapor concentrations and keep the vapor concentration below 300 ppm.

Leak or Spill Procedure: Remove all sources of ignition. Avoid breathing vapors. Use self-contained breathing apparatus in enclosed areas. Ventilate area. Contain and remove with inert absorbent materials and non-sparking tools.

Waste Disposal: Dispose of in accordance with all local, state, and federal regulations.

Handling Procedures and Equipment: Use away from all sources of heat, flame, or sparks. Do not smoke while using. Handling equipment must be grounded to prevent sparking. Handle with non-sparking tools. Wash with soap and water before eating or drinking. Launder contaminated clothing. KEEP OUT OF REACH OF CHILDREN.

Storage Requirements: Keep containers cool, dry, and store away from all sources of heat, flame, and sparks. Keep containers tightly closed and store with adequate ventilation. Do not pressurize, cut, weld, or grind the containers or empty containers which may contain residual product and solvent vapors that may ignite explosively.

Special Shipping Information: A red caution label is required for 5 gallon pails only. DOT Classification: Adhesives, 3, UN1133, PG II.

=====SECTION VIII FIRST AND MEASURES=====

- Specific Measures:** Whenever possible, remove the worker from the source of contamination.
- Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Get medical attention.
 - Skin Contact:** Immediately flush skin with running water and remove contaminated clothing. Wash exposed area with soap and water. Get medical attention.
 - Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.
 - Ingestion:** Do not induce vomiting. Get medical attention immediately.

=====SECTION IX PREPARATION INFORMATION=====

Disclaimer: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.