



Revision Number: 002.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: FESTER Vaportite 550**IDH number:** 1627935**Product type:** Impregnation product**Restriction of Use:** None identified**Region:** Mexico**Company address:****Contact information:**

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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER:

H226 - FLAMMABLE LIQUID AND VAPOR.
 H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 H315 - CAUSES SKIN IRRITATION.
 H319 - CAUSES SERIOUS EYE IRRITATION.
 H335 - MAY CAUSE RESPIRATORY IRRITATION.
 H336 - MAY CAUSE DROWSINESS OR DIZZINESS.
 H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.
 H373 - MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	3
SKIN IRRITATION	2
EYE IRRITATION	2A
REPRODUCTIVE TOXICITY	2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2
ASPIRATION HAZARD	1

PICTOGRAM(S)



Precautionary Statements

Prevention:	<p>P201 - Obtain special instructions before use.</p> <p>P202 - Do not handle until all safety precautions have been read and understood.</p> <p>P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - No release into water.</p> <p>P241 - Use explosion-proof equipment.</p> <p>P242 - Use non-sparking tools.</p> <p>P243 - Take action to prevent static discharges.</p> <p>P260 - Do not breathe vapors, mist, or spray.</p> <p>P264 - Wash affected area thoroughly after handling.</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p>
Response:	<p>P280 - Wear protective gloves, clothing, eye and face protection.</p> <p>P301+P310 - IF SWALLOWED: Immediately call a physician or poison control center.</p> <p>P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.</p> <p>P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 - IF exposed or concerned: Get medical attention.</p> <p>P331 - Do NOT induce vomiting.</p> <p>P332+P313 - If skin irritation occurs: Get medical attention.</p> <p>P337+P313 - If eye irritation persists: Get medical attention.</p> <p>P362 - Take off contaminated clothing.</p>
Storage:	<p>P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.</p> <p>P403+P233 - Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 - Store in a well-ventilated place. Keep cool.</p>
Disposal:	<p>P405 - Store locked up.</p> <p>P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.</p>

Percentage of ingredient(s) with unknown toxicity:

8 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with NOM-018-STPS-2015 and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	UN no.:	Percentage*
Asphalt	8052-42-4	1999	40 - 50
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	64742-48-9		10 - 20
Xylenes	1330-20-7	1307	5 - 10
Bentonite	1302-78-9		5 - 10
Sepiolite	63800-37-3		1 - 5
Ethylbenzene	100-41-4	1175	1 - 5
Quartz (SiO ₂), <1% respirable	14808-60-7		0.1 - 1
Toluene	108-88-3	1294	0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Skin contact:	Remove contaminated clothes. Immediately wash skin thoroughly with soap and water.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Ingestion:	Do not induce vomiting. Seek medical advice immediately and show this container or label.
Symptoms:	See Section 11.
Notes to physician:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Extinguishing media:	carbon dioxide, foam, powder, water spray jet, fine water spray
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO ₂) are released.
Hazardous combustion products:	Carbon dioxide. carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Contain spill. Do not empty into drains / surface water / ground water. Do not allow to enter the ground / soil.
Clean-up methods:	Soak up with inert absorbent. Remove mechanically. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Avoid open flames. When using do not eat, drink or smoke. Wear suitable protective clothing, safety glasses and gloves. Keep container closed. Keep out of the reach of children. Avoid skin and eye contact. Make sure containers are properly grounded before use or transfer of material.
Storage:	Store in a cool, dry, well-ventilated area. Store in sealed original container. Ensure adequate ventilation. Store in a dry place.

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.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Asphalt	0.5 mg/m ³ TWA (as benzene solubles) Inhalable fraction.	None	None	None
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	None	100 ppm (400 mg/m ³) PEL	None	196 ppm TWA
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m ³) PEL	None	None
Bentonite	None	None	None	None
Sepiolite	None	None	None	None
Ethylbenzene	20 ppm TWA	100 ppm (435 mg/m ³) PEL	None	None
Quartz (SiO ₂), <1% respirable	0.025 mg/m ³ TWA Respirable fraction.	2.4 MPPCF TWA Respirable. 0.1 mg/m ³ TWA Respirable. 0.05 mg/m ³ TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m ³ OSHA_ACT (Respirable dust.) 0.05 mg/m ³ PEL Respirable dust.	None	None
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes	None	None

Engineering controls:

Ensure good ventilation/suction at the workplace. Use only in well ventilated areas.

Respiratory protection:

The product should only be used at workplaces with intensive ventilation/extraction. If intensive ventilation/extraction is not possible then self-contained independent respiratory protection should be worn. Use an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit.

Eye/face protection:

Protective goggles

Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	pastefibrous
Color:	blackBlack
Odor:	of solventof solvent
Odor threshold:	Not available.
pH:	Not applicable
Vapor pressure:	48.29 mbar (25 °C (77°F))
Boiling point/range:	135 °C (275°F)
Melting point/ range:	Not available.
Specific gravity:	1.0200 - 1.0400
Vapor density:	3.0000 25.00 °C
Flash point:	40 °C (104°F) no method
Flammable/Explosive limits - lower:	Not determined
Flammable/Explosive limits - upper:	Not determined

Autoignition temperature:	Not available.
Flammability:	Not applicable
Evaporation rate:	3.60
Solubility in water:	Not miscible
Solubility in water:	in cold water
Partition coefficient (n-octanol/water):	Not available.
VOC content:	306 g/l
Viscosity:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Reactivity:	Not available.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Carbon dioxide. carbon monoxide
Incompatible materials:	Reaction with strong bases Reaction with strong acids. Strong oxidizing agents.
Conditions to avoid:	Extremes of temperature and direct sunlight. Exposure to moisture. Heat, flames, sparks and other sources of ignition. Oxidizing conditions.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:	Ingestion, Skin, Inhalation, Eyes
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Potential Health Effects/Symptoms

Inhalation:	Harmful by inhalation. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release.
Skin contact:	Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	Harmful if swallowed. May cause an aspiration hazard if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Asphalt	None	Central nervous system, Irritant, Respiratory
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	None	Irritant
Xylenes	Oral LD50 (Mouse) = 1,590 mg/kg Oral LD50 (Rat) = 6,670 mg/kg Oral LD50 (Rat) = 3,523 - 8,600 mg/kg Oral LD50 (Mouse) = 5,627 mg/kg Oral LD50 (Rat) = 4,300 mg/kg Dermal LD50 (Rabbit) = > 43 g/kg Inhalation LC50 (Rat, 4 h) = 6,350 mg/l	Cardiac, Central nervous system, Irritant, Kidney, Liver
Bentonite	None	Irritant, Respiratory
Sepiolite	None	Respiratory
Ethylbenzene	Oral LD50 (Rat) = 5.46 g/kg Oral LD50 (Rat) = 3,500 mg/kg Dermal LD50 (Rabbit) = 17,800 mg/kg	Irritant, Central nervous system
Quartz (SiO ₂), <1% respirable	None	Immune system, Lung, Some evidence of carcinogenicity
Toluene	Oral LD50 (Rat) = 2.6 g/kg Oral LD50 (Rat) = 5,000 mg/kg Dermal LD50 (Rabbit) = 12,124 mg/kg Inhalation LC50 (Rat, 4 h) = 8000 ppm	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Asphalt	No	Group 2B	No
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	No	No	No
Xylenes	No	No	No
Bentonite	No	No	No
Sepiolite	No	No	No
Ethylbenzene	No	Group 2B	No
Quartz (SiO ₂), <1% respirable	Known To Be Human Carcinogen.	Group 1	Yes
Toluene	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:	Do not empty into drains, soil or bodies of water. Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
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13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Road transport ADR:

Proper shipping name:	COATING SOLUTION
Hazard class or division:	3
Identification number:	UN 1139
Packing group:	III

International Air Transportation (ICAO/IATA)

Proper shipping name:	Coating solution
Hazard class or division:	3
Identification number:	UN 1139
Packing group:	III

Water Transportation (IMO/IMDG)

Proper shipping name:	COATING SOLUTION
Hazard class or division:	3
Identification number:	UN 1139
Packing group:	III

15. REGULATORY INFORMATION

No additional information

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New information added in Section(s): 9

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DISCLAIMER: This information is considered correct, but it's not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance(s) and/or mixture and apply to the appropriate product for safety precautions.

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