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1. IDENTIFICATION

Product name:	FESTER Microlastic	IDH number:	1628814
Product type/	Impregnation product		
Recommended use:		Region:	Mexico
Restriction of Use:	None identified	Contact information:	
Company address:		Telephone: +52 (55) 33003000	
Henkel Capital S.A. de C.V.		SETIQ: Phone 01-800-00-214-00 (5559-1588)24 hours.	
Boulevard Magnocentro 8 – P2		SETIQ,,Telephone 01-800-00-214-00 (5559-1588)	
Centro Urbano San Fernando la Herradura			
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER:

- H315 - CAUSES SKIN IRRITATION.
- H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
- H319 - CAUSES SERIOUS EYE IRRITATION.
- H334 - MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.
- H335 - MAY CAUSE RESPIRATORY IRRITATION.
- H336 - MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

PICTOGRAM(S)



Precautionary Statements

Prevention:

- P261 - Avoid breathing mist/vapours.
- P264 - Wash affected area thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P280 - Wear protective gloves, eye protection, and face protection.
- P284 - [In case of inadequate ventilation] wear respiratory protection.

Response: P302+P352 - IF ON SKIN: Wash with plenty of water.
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.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical attention.
P337+P313 - If eye irritation persists: Get medical attention.
P342+P311 - If experiencing respiratory symptoms: Call a poison center or physician.
P362+P364 - Take off contaminated clothing and wash it before reuse.

Storage: P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.

Disposal: P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

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	30 - 60
Kieselguhr	61790-53-2		1 - 5
Bentonite	1302-78-9		1 - 5
rosin	8050-09-7		0.1 - 1
Cellulose	9004-34-6		0.1 - 1
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO	72623-87-1		0.1 - 1
Potassium hydroxide	1310-58-3	1813	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

First Aid Measures by likely routes of exposure

Inhalation: In case of adverse health effects seek medical advice. Immediately remove victim to fresh air. Get immediate medical attention.

Skin contact: Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.

Ingestion: Do not induce vomiting. Get immediate medical attention. In case of adverse health effects seek medical advice.

Most important symptoms and effects (acute and delayed): The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.

Indication of any immediate medical attention / special treatment needed: Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	carbon dioxide, foam, powder, water spray jet, fine water spray
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Wear protective equipment.
Unusual fire or explosion hazards:	Formation of toxic gases is possible during heating or in fires.
Hazardous combustion products:	Irritating and toxic gases or fumes may be released during a fire.

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:	Do not dispose of in wastepaper bin or trash-can. Do not let product enter drains. Wear appropriate protective equipment and clothing during clean-up. Do not empty into drains / surface water / ground water.
Clean-up methods:	Remove with liquid-absorbing material (sand, peat, sawdust). Wear protective clothing, gloves and safety glasses.

7. HANDLING AND STORAGE

Handling:	Open and handle container with care. Avoid skin and eye contact. When using do not eat, drink or smoke. Wear suitable protective clothing, safety glasses and gloves.
Storage:	Ensure adequate ventilation, especially in confined areas. Store in sealed original container. 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 fume.	None	None	None
Kieselguhr	3 mg/m ³ TWA Respirable particles. 10 mg/m ³ TWA Inhalable particles.	20 MPPCF TWA 0.8 mg/m ³ TWA 15 mg/m ³ TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m ³ TWA Respirable fraction. 15 MPPCF TWA Respirable fraction.	None	None
rosin	0.001 mg/m ³ TWA (as total Resin Acids) Inhalable fraction. (Respiratory sensitization) (Dermal sensitization)	None	None	None

Engineering controls:	Ensure good ventilation/suction at the workplace.
Respiratory protection:	Suitable breathing mask when there is inadequate ventilation.
Eye/face protection:	Wear protective glasses. Avoid eye contact.
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:	pasty
Color:	Dark brown
Odor:	Characteristic
Odor threshold:	Not available.
pH:	9 - 10
Vapor pressure:	Not available.
Boiling point/range:	100 °C (212°F)
Melting point/ range:	Not available.
Density/Relative density:	Not available.
Relative vapor density:	Not available.
Flash point:	Not applicable
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Flammability:	Not applicable
Evaporation rate:	Not available.
Solubility:	Not available.
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	7 g/l
Dynamic viscosity:	Not available.
Kinematic viscosity:	Not available.
Particle characteristics:	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: In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) are released.

Incompatible materials: None if used properly.

Conditions to avoid: Protect from direct sunlight.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	Causes respiratory tract irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact:	May cause allergic skin reaction in susceptible individuals. May cause allergic skin reaction. Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s
Asphalt	None
Kieselguhr	None
Bentonite	None
rosin	None
Cellulose	None
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO	Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) = > 5.53 mg/l
Potassium hydroxide	Oral LD50 (Rat) = 273 mg/kg Oral LD50 (Rat) = 1.23 g/kg

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Asphalt	Irritant		Central nervous system Respiratory
Kieselguhr	Nuisance dust		
Bentonite	Irritant		Respiratory
rosin	Irritant	Allergen	Respiratory
Cellulose			Lung
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO	Irritant		
Potassium hydroxide	Corrosive Irritant		

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Asphalt	Known To Be Human Carcinogen.	Group 2B	No
Kieselguhr	No	No	No
Bentonite	No	No	No
rosin	No	No	No
Cellulose	No	No	No
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO	No	No	No
Potassium hydroxide	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:	Do not empty into drains, soil or bodies of water. May cause long-term adverse effects in the aquatic environment.
Ecotoxicity:	Not available.
Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility:	Not available.

Other ecological information: Not available.

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:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

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): 2, 3, 8, 11

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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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