



Revision Number: 002.0

Issue date: 11/06/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	FESTER Microseal No. 2 F	IDH number:	1628372
Product type:	Impregnation product	Region:	Mexico
Restriction of Use:	None identified	Contact information:	
Company address:			
Henkel Capital S.A. de C.V.	Telephone: +52 (55) 33003000		
Boulevard Magnocentro 8 – P2	SETIQ,, Telephone 01-800-00-214-00 (5559-1588)		
Huixquilucan Edo. de Mexico, C.P. 52760			

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING:

- H315 - CAUSES SKIN IRRITATION.
- H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
- H319 - CAUSES SERIOUS EYE IRRITATION.
- H335 - MAY CAUSE RESPIRATORY IRRITATION.
- H336 - MAY CAUSE DROWSINESS OR DIZZINESS.

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

PICTOGRAM(S)



Precautionary Statements

Prevention:	P261 - Avoid breathing vapors, mist, or spray. 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.
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. P362 - Take off contaminated clothing.
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.

IDH number: 1628372

Product name: FESTER Microseal No. 2 F

Percentage of ingredient(s) with unknown toxicity:
4 % 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
Bentonite	1302-78-9		5 - 10
Alkylphenol ethoxylate C9 30EO	9016-45-9		0.1 - 1
Quartz (SiO ₂)	14808-60-7		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:	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.
Symptoms:	See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media:	carbon dioxide, foam, powder, water spray jet, fine water spray
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. Keep containers closed when not in use.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

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/m3 TWA (as benzene solubles) Inhalable fraction.	None	None	None
Bentonite	None	None	None	None
Alkylphenol ethoxylate C9 30EO	None	None	None	None
Quartz (SiO ₂)	0.025 mg/m3 TWA Respirable fraction.	2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA_ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust.	None	None

Engineering controls: Ensure good ventilation/suction at the workplace.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/face protection: Wear protective glasses.

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:	Viscous
Color:	Brown
Odor:	Characteristic
Odor threshold:	Not available.
pH:	10 - 11.5
Vapor pressure:	Not available.
Boiling point/range:	> 100 °C (> 212°F)
Melting point/ range:	Not available.
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 in water:	Soluble
Partition coefficient (n-octanol/water):	Not available.

VOC content: 2 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: In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) are released.

Incompatible materials: None if used properly.

Conditions to avoid: None if used for intended purpose.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause 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: May cause allergic skin reaction. Causes skin irritation.

Eye contact: Causes serious eye irritation.

Ingestion: May be harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Asphalt	None	Central nervous system, Irritant, Respiratory
Bentonite	None	Irritant, Respiratory
Alkylphenol ethoxylate C9 30EO	None	Allergen, Irritant
Quartz (SiO ₂)	None	Immune system, Lung, Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Asphalt	No	Group 2B	No
Bentonite	No	No	No
Alkylphenol ethoxylate C9 30EO	No	No	No
Quartz (SiO ₂)	Known To Be Human Carcinogen.	Group 1	Yes

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.

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 Safety Data Sheet format.

Prepared by: Product Safety and Regulatory Affairs
Issue date: 11/06/2017

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.

The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Capital does not assume responsibility for any results obtained by persons over whose methods Henkel Capital has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Capital's products. In light of the foregoing, Henkel Capital specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Capital's products. Henkel Capital further disclaims any liability for consequential or incidental damages of any kind, including lost profits.