



Revision Number: 003.1

Issue date: 03/27/2026

**1. IDENTIFICATION**

|   |                                 |  |         |
|---|---------------------------------|--|---------|
| <b>Product name:</b>                    | <b>FESTER Microseal No. 2 F</b> | <b>IDH number:</b>                                 | 1628372 |
| <b>Product type/</b>                    | Impregnation product            |  |         |
| <b>Recommended use:</b>                 |                                 | <b>Region:</b>                                     | Mexico  |
| <b>Restriction of Use:</b>              | None identified                 | <b>Contact information:</b>                        |         |
| <b>Company address:</b>                 |                                 | 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 |                                 |  |         |
| Huixquilucan Edo. de Mexico, C.P. 52760 |                                 |  |         |

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:**

- 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.
- H350 - MAY CAUSE CANCER.

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

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:**

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- 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, clothing, eye 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.  
P308+P313 - IF exposed or concerned: Get medical attention.  
P333+P313 - If skin irritation or rash occurs: Get medical attention.  
P337+P313 - If eye irritation persists: Get medical attention.  
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     |
| Bentonite  | 1302-78-9  |         | 5 - 10      |
| Rosin, fumarated   | 65997-04-8 |         | 0.1 - 1     |
| 2-octyl-2H-isothiazol-3-one  | 26530-20-1 |         | 0.1 - 1     |
| Quartz (SiO <sub>2</sub> ) respirable particulates (RCS) >=10%                 | 14808-60-7 |         | 0.1 - 1     |
| Cellulose  | 9004-34-6  |         | 1 - 5       |
| Kaolin   | 1332-58-7  |         | 0.1 - 1     |
| Propane-1,2-diol   | 57-55-6    |         | 0.1 - 1     |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO | 72623-87-1 |         | 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.

|  |  |
|--|--|
| <b>Ingestion:</b>  | Do not induce vomiting. Get immediate medical attention. In case of adverse health effects seek medical advice.                |
| <b>Most important symptoms and effects (acute and delayed):</b>                  | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information. |
| <b>Indication of any immediate medical attention / special treatment needed:</b> | Not available.   |

## 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing media:</b>               | carbon dioxide, foam, powder, water spray jet, fine water spray    |
| <b>Improper extinguishing agents:</b>     | Not available.   |
| <b>Special firefighting procedures:</b>   | Wear protective equipment.   |
| <b>Unusual fire or explosion hazards:</b> | Formation of toxic gases is possible during heating or in fires.   |
| <b>Hazardous combustion products:</b>     | 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.

|                                   |   |
|-----------------------------------|---|
| <b>Environmental precautions:</b> | 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. |
| <b>Clean-up methods:</b>          | Remove with liquid-absorbing material (sand, peat, sawdust). Wear protective clothing, gloves and safety glasses.   |

## 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | 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. |
| <b>Storage:</b>  | 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/m <sup>3</sup> TWA<br>(as benzene solubles) Inhalable fume. | None  | None      | None  |
| Cellulose  | 10 mg/m <sup>3</sup> TWA   | 5 mg/m <sup>3</sup> PEL<br>Respirable fraction.<br>15 mg/m <sup>3</sup> PEL<br>Total dust.<br>5 mg/m <sup>3</sup> TWA<br>Respirable fraction.<br>15 mg/m <sup>3</sup> TWA<br>Total dust.<br>50 MPPCF TWA<br>Total dust.<br>15 MPPCF TWA<br>Respirable fraction. | None      | None  |
| Quartz (SiO <sub>2</sub> ) respirable particulates (RCS) >=10% | 0.025 mg/m <sup>3</sup> TWA<br>Respirable fraction.                | 0.05 mg/m <sup>3</sup> TWA<br>(Respirable dust.)<br>(Respirable dust.)<br>0.025 mg/m <sup>3</sup><br>OSHA_ACT<br>(Respirable dust.)<br>0.05 mg/m <sup>3</sup> PEL<br>Respirable dust.<br>2.4 MPPCF TWA<br>Respirable<br>0.1 mg/m <sup>3</sup> TWA<br>Respirable | None      | None  |

|                                |   |
|--------------------------------|---|
| <b>Engineering controls:</b>   | Ensure good ventilation/suction at the workplace.   |
| <b>Respiratory protection:</b> | In case of insufficient ventilation, wear suitable respiratory equipment.   |
| <b>Eye/face protection:</b>    | Wear protective glasses.  |
| <b>Skin protection:</b>        | Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                    |
|--|--------------------|
| <b>Physical state:</b>                     | Viscous            |
| <b>Color:</b>                              | Brown              |
| <b>Odor:</b>                               | Characteristic     |
| <b>Odor threshold:</b>                     | Not available.     |
| <b>pH:</b>                                 | 10 - 11.5          |
| <b>Vapor pressure:</b>                     | Not available.     |
| <b>Boiling point/range:</b>                | > 100 °C (> 212°F) |
| <b>Melting point/ range:</b>               | Not available.     |
| <b>Density/Relative density:</b>           | Not available.     |
| <b>Relative vapor density:</b>             | Not available.     |
| <b>Flash point:</b>                        | Not applicable     |
| <b>Flammable/Explosive limits - lower:</b> | Not available.     |
| <b>Flammable/Explosive limits - upper:</b> | Not available.     |
| <b>Autoignition temperature:</b>           | Not available.     |
| <b>Flammability:</b>                       | Not applicable     |
| <b>Evaporation rate:</b>                   | Not available.     |
| <b>Solubility:</b>                         | Soluble            |

|   |                |
|---|----------------|
| <b>Partition coefficient n-octanol/water (logarithmic value):</b> | Not available. |
| <b>VOC content:</b>   | 2 g/l          |
| <b>Dynamic viscosity:</b>   | Not available. |
| <b>Kinematic viscosity:</b>                                       | Not available. |
| <b>Particle characteristics:</b>                                  | Not available. |
| <b>Decomposition temperature:</b>                                 | Not available. |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable under normal conditions of storage and use.   |
| <b>Reactivity:</b>                       | Not available.   |
| <b>Hazardous reactions:</b>              | None under normal processing.  |
| <b>Hazardous decomposition products:</b> | In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ) are released. |
| <b>Incompatible materials:</b>           | None if used properly.   |
| <b>Conditions to avoid:</b>              | None if used for intended purpose.   |

## 11. TOXICOLOGICAL INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Likely routes of exposure</b> | Skin, Inhalation, Eyes, Ingestion |
|----------------------------------|-----------------------------------|

**Potential Health Effects/Symptoms**

**Inhalation:** 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. Causes respiratory tract irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin contact:** 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   |
| Bentonite  | None   |
| Rosin, fumarated   | None   |
| 2-octyl-2H-isothiazol-3-one  | None   |
| Quartz (SiO2) respirable particulates (RCS) >=10%                              | None   |
| Cellulose  | None   |
| Kaolin   | Oral LD50 (Rat) = > 5,000 mg/kg<br>Dermal LD50 (Rat) = > 5,000 mg/kg                       |
| Propane-1,2-diol   | Oral LD50 (Rabbit) = 18 g/kg<br>Oral LD50 (Mouse) = 23.9 g/kg<br>Oral LD50 (Rat) = 30 g/kg |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO | Inhalation LC50 (Rat, 4 h) = 2.18 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 5.53 mg/l         |

| Hazardous Component(s)   | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects                     |
|--|--------------------------|------------------------|--|
| Asphalt  | Irritant                 |                        | Central nervous system<br>Respiratory      |
| Bentonite  | Irritant                 |                        | Respiratory                                |
| Rosin, fumarated   |                          |                        |  |
| 2-octyl-2H-isothiazol-3-one  | Corrosive<br>Irritant    | Allergen               | Central nervous system<br>Liver<br>Mutagen |
| Quartz (SiO2) respirable particulates (RCS) >=10%                              |                          |                        |  |
| Cellulose  |                          |                        | Lung                                       |
| Kaolin   | Nuisance dust            |                        |  |
| Propane-1,2-diol   | Irritant                 |                        |  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO | Irritant                 |                        |  |

| Hazardous Component(s)   | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|-------------------------------|-----------------|--|
| Asphalt  | Known To Be Human Carcinogen. | Group 2B        | No                                       |
| Bentonite  | No                            | No              | No                                       |
| Rosin, fumarated   | No                            | No              | No                                       |
| 2-octyl-2H-isothiazol-3-one  | No                            | No              | No                                       |
| Quartz (SiO2) respirable particulates (RCS) >=10%                              | Known To Be Human Carcinogen. | Group 1         | No                                       |
| Cellulose  | No                            | No              | No                                       |
| Kaolin   | No                            | No              | No                                       |
| Propane-1,2-diol   | No                            | No              | No                                       |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, <3% DMSO | No                            | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

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

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### International Air Transportation (ICAO/IATA)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### Water Transportation (IMO/IMDG)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | 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

**Prepared by:** Product Safety and Regulatory Affairs  
**Issue date:** 03/27/2026

**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.

This Safety Data Sheet has been generated based on the Mexican Official Standard (NOM-018-STPS-2015) of the harmonized system for the identification and communication of hazards and risks from hazardous chemicals in the workplace and provides information in accordance with Mexican law only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.