



Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: FestergROUT NM AF **IDH number:** 1593906
Product type: Jointing filler
Restriction of Use: None identified **Region:** Mexico
Company address: **Contact information:**
 Henkel Capital S.A. de C.V. Telephone: +52 (55) 33003000
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H315 - CAUSES SKIN IRRITATION.
 H318 - CAUSES SERIOUS EYE DAMAGE.
 H335 - MAY CAUSE RESPIRATORY IRRITATION.
 H350 - MAY CAUSE CANCER.
 H372 - CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
SERIOUS EYE DAMAGE	1
CARCINOGENICITY	1A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	1

PICTOGRAM(S)



Precautionary Statements

Prevention: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe dust or fumes.
 P264 - Wash affected area thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well-ventilated area.
 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.
 P332+P313 - If skin irritation occurs: 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.

Percentage of ingredient(s) with unknown toxicity:
1 % 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*
Quartz (SiO ₂)	14808-60-7		50 - 60
Cement, portland, chemicals, low chromate	65997-15-1		40 - 50
Fumes, silica	69012-64-2		1 - 5

* 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 symptoms persist, seek medical advice.

Skin contact: Rinse with running water and soap. Obtain medical attention if irritation persists.

Eye contact: Immediately flush with plenty of water for 20-30 minutes holding eyelids apart to ensure flushing of the entire surface. Do not rub eyes; mechanical action may cause corneal damage.

Ingestion: Do not induce vomiting. The victim should drink several glasses of water to dilute the ingested substance.

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: No particular measures required.

Unusual fire or explosion hazards: None known

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: Do not let product enter drains. Dispose of according to Federal, State and local governmental regulations.

Clean-up methods:

Remove mechanically. Rinse away residue with plenty of water. Avoid dust formation. Avoid breathing dust. Avoid skin and eye contact. Do not empty into drains / surface water / ground water.

7. HANDLING AND STORAGE

Handling:

Open and handle container with care. Keep container closed. Keep out of the reach of children. Avoid skin and eye contact. Wear suitable protective clothing, safety glasses and gloves. When using do not eat, drink or smoke. Do not breathe dust. Avoid contact with water. Protect from moisture.

Storage:

Store at room temperature. 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
Quartz (SiO ₂)	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
Cement, portland, chemicals, low chromate	1 mg/m ³ TWA Respirable fraction.	5 mg/m ³ PEL Respirable fraction. 15 mg/m ³ PEL Total dust. 50 MPPCF TWA	None	None
Fumes, silica	None	20 MPPCF TWA 0.8 mg/m ³ TWA	None	None

Engineering controls:

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Respiratory protection:

dust mask

Eye/face protection:

Wear protective glasses.

Skin protection:

Protective shoes. 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:

powder

Color:

grey

Odor:

odourless

Odor threshold:

Not available.

pH:

Not applicable

Vapor pressure:

Not applicable

Boiling point/range:

Not applicable

Melting point/ range:

Not applicable

Specific gravity:

Not available.

Vapor density:

Not applicable

Flash point: Not applicable
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Autoignition temperature: Not applicable
Flammability: Not applicable
Evaporation rate: Not applicable
Solubility in water: Soluble
Partition coefficient (n-octanol/water): Not available.
VOC content: Essentially Zero (estimated)
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: Will not occur
Hazardous decomposition products: carbon monoxide Carbon dioxide.
Incompatible materials: Reaction with strong acids.
Conditions to avoid: Avoid contact with water. Avoid moisture.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: None identified.
Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause respiratory irritation. This product is irritating to the respiratory system. Chronic exposure to dust containing quartz silica in excess of exposure limits can cause silicosis.
Skin contact: Causes skin irritation.
Eye contact: Causes serious eye damage.
Ingestion: May be harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Quartz (SiO ₂)	None	Immune system, Lung, Some evidence of carcinogenicity
Cement, portland, chemicals, low chromate	None	Corrosive, Irritant, Respiratory
Fumes, silica	None	Lung, Immune system

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Quartz (SiO ₂)	Known To Be Human Carcinogen.	Group 1	Yes
Cement, portland, chemicals, low chromate	No	No	No
Fumes, silica	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: It has a low ecotoxicity. Do not empty into drains / surface water / ground water.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with local and national regulations. Waste disposal with the approval of the responsible local authority.

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: 11/01/2017

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.

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