

MATERIAL SAFETY DATA SHEET

ELI-FIL FR953C NON-HARDENING PUTTY

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common Name:	Eli-Fil FR/953/C	Code:	FR/953/C
Synonym:	Not available	Validation Date:	17.01.2018
Trade Name:	Eli-Fil FR/953/C	Print Date:	17.01.2018
Material Uses:	Sealing Putty		

Section 2. Composition, Information on Ingredients

Substance/Preparation: Preparation

Ingredient Name	CAS Number	%	EC Number	EU/SABS 0265 Classification
Butene Polymer	9003-29-8	< 30	-	Not regulated
Talc (non-asbestos form)	14807-96-6	< 20	238-877-9	Xi; R36/37/38
Calcium Carbonate	-	< 60	n/a	Not regulated
See Section 16 for the full text of the R Phrases declared above				

* Occupational Exposure Limit(s), if available, are listed in section 8

Section 3. Hazardous Identification

The preparation is classified as non hazardous according to Directive 1999/45/EC and its amendments.

Classification: Not regulated
Human health hazards: Hot material can cause thermal burns.
Environmental Hazards: Low toxicity to aquatic organisms.
See Section 11 for more detailed information on health effects and symptoms.

Section 4. First Aid Measures

Eye Contact: In cases of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact: Wash skin thoroughly with soap and water or use recognized skin cleanser. Hot material can cause thermal burns.
Inhalation: No significant health hazard identified.
Ingestion: No significant health hazard identified.
Notes to Physician: No specific treatment, treat symptomatically.
See Section 11 for more detailed information on health effects and symptoms.

Section 5. Fire Fighting Measures

Flammability of the Product:	May be combustible at high temperatures
Auto-ignition Temperature:	Not available
Flash Points:	> 200°C
Flammable Limits:	Not available
Products of Combustion:	These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of open flame, sparks and static discharge, of heat.
Explosion Hazards in Presence of Various Substances:	Non identified
Fire Fighting Media and Instructions:	In case of fire, use water spray (fog), foam, dry chemical, or CO ₂ .
Special protective Equipment for fire-fighters:	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Special Remarks on Fire Hazards:	No additional remark.
Special Remarks on Explosion Hazards:	No additional remark.

Section 6. Accidental Release Measures

Personal precautions:	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
Environmental Precautions and Clean-up Methods:	Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information. If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

Section 7. Handling and Storage

Handling:	Wash thoroughly after handling. Use suitable protective equipment (Section 8).
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area.
Packaging materials Recommended:	Use original container.

Section 8. Exposure Controls, Personal Protection

Exposure Controls

Occupational exposure Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Respiratory protection:

A respirator is not needed under normal and intended conditions of product use. Wear appropriate respirator when ventilation is inadequate.

Hand protection:

Rubber gloves. Neoprene gloves.

Eye protection:

Safety glasses. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.

Skin protection:

Additional body garments should be used based upon the task being performed (e.g. sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Appropriate techniques should be used to remove potentially contaminated clothing.

Section 8. Exposure Controls, Personal Protection (Continue/...)

Personal protective
Equipment (Pictograms):



Occupational exposure limits:

Ingredient Name:

Talc (non-asbestos form)

Occupational Exposure Limits

ACGIH TLV (United States, 2003). Notes: 1996 Adoption the value is for total dust containing no asbestos and < 1% crystalline silica. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C". paragraph of Appendix D. Refers to Appendix A – Carcinogens. TWA: 2 mg/m³ 8 hour(s).

Section 9. Physical and Chemical Properties

Physical State and

Appearance:

Putty

Colour:

Black

Odour:

Not available

Taste:

Not available

Molecular Weight:

Not applicable

Molecular Formula:

Not applicable

pH:

Not applicable

Boiling/Condensation Point:

Not available

Melting/Freezing Point:

Not available

Critical Temperature:

Not available

Specific Gravity:

1.7 – 1.8 g/cm³

Vapour Pressure:

Not available

Vapour Density:

Not available

Volatility:

Not available

Odour Threshold:

Not available

Evaporation Rate:

Not available

VOC:

Not available

Viscosity:

Putty

LogK_{ow}:

The product is insoluble in water and octanol.

Ionicity (in Water):

Not available

Dispersion Properties:

Is not dispersed in cold water, hot water.

Solubility:

Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Physical Chemical

Comments:

No additional remark.

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable

Conditions of Instability: None identified.

Incompatibility with Various

Substances:

Reactive with acids.

Hazardous Decomposition

Products:

These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...)

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Potential Acute Health Effects

Inhalation: No specific hazard
Ingestion: Ingestion may cause gastrointestinal irritation and diarrhea.
Skin contact: Irritating to skin. May cause sensitisation by skin contact.
Eye contact: Irritating to eyes.

Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
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Potential Chronic Health Effects

<u>Ingredient Name</u>	<u>Carcinogenic Effects</u>	<u>Mutagenic Effects</u>	<u>Developmental toxicity</u>	<u>Impairs fertility</u>
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No evidence of risk in humans

Over-exposure signs/symptoms

Target Organs: Contains material, which causes damage to the following organs: cardiovascular system, skin, eye, lens or cornea.

Other adverse effects: None identified.

Section 12. Ecological Information

Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
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BOD and COD: Not available.

Biodegradable/OECD: Not available.

Mobility: Not available.

Products of Degradation: These products are carbon oxides (CO, CO₂) and water, nitrogen oxides (NO, NO₂...).

Toxicity of the Products of Biodegradation: Low toxicity to aquatic organisms.

Special Remarks on the

Products of Biodegradation: Not expected to bioaccumulate.

Section 13. Disposal Considerations

Waste Disposal: Incinerate in a licensed high temperature hazardous waste incinerator. Dispose of according to all federal, state and local applicable regulations.

Waste Stream: Not applicable.

Waste Classification: Not applicable.

European Waste Catalogue

(EWC): Not applicable.

Consult your local or regional authorities.

Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
ADR/RID/SABS 0228 Class	Not regulated					
IMDG Class	Not regulated					
IATA-DGR Class	Not regulated					

Section 15. Regulatory Information

EU / SABS 0265 Classification

Hazard symbol(s):



Risk phrases:

Irritant
R36/38- Irritating to eyes and skin.
R43- May cause sensitisation by skin contact.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S24- Avoid contact with skin.
S29- Do not empty into drains
S37- Wear suitable gloves.
S46- If swallowed, seek medical advice immediately and show this container or label.

Contains:

Polybutene

Product Use:

Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amended and the intended use.
- Industrial applications.

Section 16. Other information

Full text of R phrases referred to in Section 2 and 3:

R36- Irritating to eyes
R36/37/38- Irritating to eyes, respiratory system and skin.
R36/38 Irritating to eyes and skin.
R43- May cause sensitisation by skin contact.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in Sections 2 and 3:

N- Dangerous for the environment.

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17.01.2018

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12.06.2015

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