



PREFLEX EP (BASE)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier
Preflex EP-Base

1.2 Relevant uses of the substance or mixture and uses advised against
Component of multi-component joint fillers and sealants.

1.3 Details of the supplier of the data sheet
FIS Construction Products
44 Macadam Way
West Portway
Andover
SP10 3XW

sales@premcrete.com

www.premcrete.com

Emergency telephone number
+44 (0) 800 6191619
7.00am-5:00pm Mon-Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:
Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

HAZARD STATEMENTS
Skin Sensitizer, category 1 H317



2.2 Label elements

Symbol(s) of Product



Signal Word
Warning

Named Chemicals on Label
hydrocarbon polymer
HAZARD STATEMENTS

Skin Sensitizer, category 1

H317

May cause an allergic skin reaction

PRECAUTION PHRASES

P261
P280

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/ face protection.

P302+352
P333+313

IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. COMPOSITION INFORMATION ON INGREDIENTS

3.1 Mixtures

Hazardous Ingredients

<u>CAS-No.</u>	<u>EINEC No.</u>	<u>Name According to EEC</u>	<u>%</u>
71302-83-5		hydrocarbon polymer	10-25
1317-61-9	215-277-5	iron oxide	2.5-10
14808-60-7	238-878-4	quartz (silicon dioxide)	0.1-1.0

<u>CAS-No.</u>	<u>REACH Reg No.</u>	<u>CLP Symbols</u>	<u>CLP Hazard Statements</u>	<u>M-Factors</u>
71302-83-5		GHS07	H317-412	
1317-61-9		GHS02	H252	
14808-60-7		GHS08	H372	



Additional Information: The text for CLP Hazard Statements shown above (if any) is given in Section 16.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

GENERAL NOTES: When symptoms persist or in all cases of doubt seek medical advice.

AFTER INHALATION: Move to fresh air.

AFTER SKIN CONTACT: Wash off immediately with soap and plenty of water.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses.

AFTER INGESTION: Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.

Self-protection of the first aider: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed. Irritating to eyes and skin. May cause sensitization by inhalation and skin contact.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above.

5.2 Special hazards arising from the substance or mixture:

No Information

5.3 Protection of firefighters:

In the event of fire, wear self-contained breathing apparatus. Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES



6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Use personal protective equipment.

6.2 Environmental precautions
Do not contaminate surface water. Should not be released into the environment. Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections
FURTHER INSTRUCTIONS: Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage including and incompatibilities
CONDITIONS TO AVOID: No Information STORAGE CONDITIONS: Do not freeze. Store in original container. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3 Specific end use(s)
No specific advice for end use available.

8. EXPOSURE CONTROL AND PROTECTION MEASURES

8.1 Control parameters

Ingredients with Occupational Exposure Limits
(UK WELS)

<u>Name</u>	<u>CAS-No.</u>	<u>LTEL ppm</u>	<u>STEL ppm</u>	<u>STEL mg/m3</u>	<u>LTEL mg/m3</u>
hydrocarbon polymer	71302-83-5				
iron oxide	1317-61-9				
quartz (silicon dioxide)	14808-60-7				

<u>Name</u>	<u>CAS-No.</u>	<u>OEL Note</u>
hydrocarbon polymer	71302-83-5	
iron oxide	1317-61-9	
quartz (silicon dioxide)	14808-60-7	

FURTHER ADVICE: Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: Respiratory protection complying with EN 143.

EYE PROTECTION: Safety glasses with side-shields conforming to EN166.

HAND PROTECTION: Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374. Long sleeved clothing. Remove and wash contaminated clothing before re-use.

OTHER PROTECTIVE EQUIPMENT: No Information

ENGINEERING CONTROLS: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

Chemical Name:

hydrocarbon polymer

EC No.: CAS-No.:
71302-83-5

DNELs - Derived no effect level

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required				4 mg/kg bw/day			
Inhalation					28 mg/m ³			
Dermal					16.4 mg/kg bw/day			
					8 mg/kg bw/day			

PNEC's - Predicted no effect concentration

Environmental protection target	PNEC
Fresh water	54 µg/L
Fresh water sediments	1584 mg/kg
Marine water	5.4 µg/L
Marine sediments	154 mg/kg
Food chain	
Microorganisms in sewage treatment	2.2 mg/L
soil (agricultural)	316.7 mg/kg
Air	

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Coloured
Physical State	Liquid
Odor	Mild
Odor threshold	Not determined
pH	Not determined
Melting point / freezing point (°C)	Not determined
Boiling point/range (°C)	200 - N.D.
Flash Point, (°C)	180
Evaporation rate	Not determined

Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	20 – 30
Vapour Pressure	Not determined
Vapour density	Not determined
Relative density	Not determined
Solubility in / Miscibility with water	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	>250°C
Decomposition temperature (°C)	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

10. STABILITY AND REACTIVITY

10.1 Reactivity:
No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability:



Stable under normal conditions.

- 10.3** Possibility of hazardous reactions:
Hazardous polymerisation does not occur.
- 10.4** Conditions to avoid
No Information
- 10.5** Incompatible materials
Incompatible with oxidizing agents.
- 10.6** Hazardous decomposition products
Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

Oral LD50:	No Information.
Inhalation LC50:	No Information.
Irritation:	No information available.
Corrosivity:	No information available.
Sensitization:	No information available.

Repeated dose toxicity:	No information available.
Carcinogenicity:	No information available.
Mutagenicity:	No information available.
Toxicity for reproduction:	No information available.
STOT-single exposure:	No information available.
STOT-repeated exposure:	No information available.
Aspiration hazard:	No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
71302-83-5	hydrocarbon polymer	>2000 mg/kg		



Additional Information:

This product may contain Quartz (silicon dioxide), which is listed by IARC as a known carcinogenic to humans (Group 1). This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. This product contains Limestone (CAS No. 1317-65-3) which is classified under the EU CLP regulation as an Eye and Skin Irritant, Category 2. This classification and the corresponding hazard statements are relevant when exposed to Limestone in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

EC50 48hr (Daphnia):	No information
IC50 72hr (Algae):	No information
LC50 96hr (fish):	No information

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

12.4 Mobility in soil: No information

12.5 Results of PBT and vPvB assessment:
The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Other adverse effects: No information

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
71302-83-5	hydrocarbon polymer	No information	No information	
1317-61-9	iron oxide	No information	No information	
14808-60-7	quartz (silicon dioxide)	No information	No information	

Further Ecological Information

Contains the following ingredients which are classified as water dangerous according to EEC directive No. 76/464/EEC in percentages > 1%.

<u>CAS-No.</u>	<u>Name According to EEC</u>
71302-83-5	hydrocarbon polymer

13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS: If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

European Waste Code:	No Information
Packaging Waste Code:	150110

14. TRANSPORT INFORMATION

14.1	UN number	Not applicable
14.2	UN proper shipping name	Not regulated for transport according to ADR/RID, IMDG, and IATA regulations.
	Technical name	Not applicable
14.3	Transport hazard class(es)	Not applicable
	Subsidiary shipping hazard	Not applicable
14.4	Packing group	Not applicable
14.5	Environmental hazards	Not applicable
14.6	Special precautions for user	Not applicable
	EmS-No:	Not applicable
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

National Regulations:

Denmark Product Registration Number:	Not available
Danish MAL Code:	Not available
Danish MAL Code - Mixture:	Not available



Sweden Product Registration Number:	Not available
Norway Product Registration Number:	Not available
WGK Class:	Not available

Covered by Directive 2012/18/EC (Seveso III):	Not applicable
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Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006:	Not applicable
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- 15.2** Chemical Safety Assessment:
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. OTHER INFORMATION

Text for CLP Hazard Statements shown in Section 3 describing each ingredient:

H252 Self-heating in large quantities; may catch fire

H317 May cause an allergic skin reaction.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

The above information is believed to be correct but not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the product.

