



SAFETY DATA SHEET THIOFLEX 600 POURING GRADE BASE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name THIOFLEX 600 POURING GRADE BASE

Product number 2487020AE1, 2487060AE1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Base component of pouring grade polysulphide sealant

1.3. Details of the supplier of the safety data sheet

Supplier Al Gurg Fosroc LLC
PO Box 657
Dubai
United Arab Emirates
+ 971 4 2858606

1.4. Emergency telephone number

Emergency telephone +97142039699 (08:00 to 16:30) // +971506258232 (16:30 to 08:00)GMT+4

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Lact. - H362

Environmental hazards Aquatic Chronic 1 - H410

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements EUH208 Contains EPICHLOROHYDRIN, POLYMER W/BISPHENOL A. May produce an allergic reaction.
H362 May cause harm to breast-fed children.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P501 Dispose of contents/ container in accordance with national regulations.

Contains LIQUID CHLORINATED PARAFFIN

THIOFLEX 600 POURING GRADE BASE

Supplementary precautionary statements

P201 Obtain special instructions before use.
 P260 Do not breathe vapour/ spray.
 P263 Avoid contact during pregnancy and while nursing.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P391 Collect spillage.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

LIQUID CHLORINATED PARAFFIN	10-30%
CAS number: 85535-85-9	EC number: 287-477-0
	REACH registration number: 01-2119519269-33-xxxx
M factor (Chronic) = 100	
Classification	
Lact. - H362	
Aquatic Chronic 1 - H410	
EPICHLOROHYDRIN, POLYMER W/BISPHENOL A	<1%
CAS number: 25036-25-3	EC number: 682-390-8
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
XYLENE	<1%
CAS number: 1330-20-7	EC number: 215-535-7
	REACH registration number: 01-2119488216-32-0000
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
ETHYLBENZENE	<1%
CAS number: 100-41-4	EC number: 202-849-4
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H332	
STOT RE 2 - H373	
Asp. Tox. 1 - H304	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

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4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause irritation.
Eye contact	May cause irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon monoxide (CO). Carbon dioxide (CO ₂). Hydrogen sulphide (H ₂ S). Sulphur dioxide.
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5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.4. Reference to other sections

Reference to other sections	For waste disposal, see Section 13.
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SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Avoid release to the environment. Avoid spilling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m³

Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Ingredient comments WEL = Workplace Exposure Limits

LIQUID CHLORINATED PARAFFIN (CAS: 85535-85-9)

DNEL	Industry - Inhalation; Long term systemic effects: 1.6 mg/m ³ Industry - Dermal; Long term systemic effects: 47.9 mg/kg/day Consumer - Oral; Long term systemic effects: 0.58 mg/kg/day Consumer - Inhalation; Long term systemic effects: 2 mg/m ³ Consumer - Dermal; Long term systemic effects: 28.75 mg/kg/day
PNEC	- Fresh water; 1000 mg/l - marine water; 200 mg/l - STP; 80 mg/l

XYLENE (CAS: 1330-20-7)

DNEL	Workers - Inhalation; Long term systemic effects: 77 mg/m ³ Workers - Inhalation; Short term systemic effects: 289 mg/m ³ Workers - Dermal; Long term systemic effects: 180 mg/kg/day
PNEC	- Fresh water; 0.327 mg/l - marine water; 0.327 mg/l - STP; 6.58 mg/l

ETHYLBENZENE (CAS: 100-41-4)

DNEL	Workers - Inhalation; Long term systemic effects: 77 mg/m ³ Workers - Dermal; Long term systemic effects: 180 mg/kg bw/day
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PNEC

- Fresh water; 0.1 mg/l
- marine water; 0.01 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Neoprene gloves are recommended.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Respiratory protection may be required if excessive airborne contamination occurs. Chemical respirator with organic vapour cartridge.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Grey.
Odour	Characteristic odour Sulphur.
Odour threshold	Not determined.
Flash point	Not determined.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Vapour density	Not determined.
Bulk density	1.5g/cm ³ @25 C
Solubility(ies)	Insoluble in water
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	700-800 P @ 27°C
Explosive properties	Not considered to be explosive.

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Explosive under the influence of a flame Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information No additional information.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reacts with: Strong oxidising agents.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). Sulfur Oxide Hydrogen sulphide (H₂S).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation Irritating to respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Irritating to skin. May cause an allergic skin reaction.

Eye contact Irritating to eyes.

Toxicological information on ingredients.

LIQUID CHLORINATED PARAFFIN

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

XYLENE

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

ETHYLBENZENE

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Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

SECTION 12: Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects. Dangerous for the environment.

12.1. Toxicity

Toxicity The product contains a substance which is toxic to aquatic organisms.

Ecological information on ingredients.

LIQUID CHLORINATED PARAFFIN

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >5000 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.006 mg/l, Daphnia magna

Chronic aquatic toxicity

M factor (Chronic) 100

XYLENE

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

XYLENE

Persistence and degradability Expected to be not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Not determined.

Ecological information on ingredients.

LIQUID CHLORINATED PARAFFIN

Bioaccumulative potential BCF: < 2000 L/kg,

12.4. Mobility in soil

Mobility The product is insoluble in water and will sediment in water systems.

Ecological information on ingredients.

XYLENE

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

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Ecological information on ingredients.

LIQUID CHLORINATED PARAFFIN

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

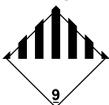
14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS LIQUID CHLORINATED PARAFFIN)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS LIQUID CHLORINATED PARAFFIN)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS LIQUID CHLORINATED PARAFFIN)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS LIQUID CHLORINATED PARAFFIN)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels



14.4. Packing group

ADR/RID packing group III

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IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(-)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	12/12/2019
Revision	4
Supersedes date	09/12/2015
SDS number	12659

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Hazard statements in full

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H362 May cause harm to breast-fed children.

H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

EUH208 Contains EPICHLOROHYDRIN, POLYMER W/BISPHENOL A. May produce an allergic reaction.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.