

MONOGROUT EP 3



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: MONOGROUT EP3
Chemical Family: High strength epoxy resin grout
Manufacturer: Starke Construction Chemicals
Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Epoxy resin, Epoxy diluent.
Hazardous Ingredient(s) Epoxy resin: Xi, N R36/38, 43, 51/53 (Number average molecular weight <700)
THIS PRODUCT IS CHEMICAL
 Refer to Section 8 for Occupational Exposure Limits.

HAZARDS IDENTIFICATION

Hazard Information: Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organism, may cause long-term effects in the aquatic Environment.
Classification: Xi, N, R36/38, R43, 51/53

FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.
Skin: Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothes and shoes. Obtain medical advice if skin disorders develop.
Inhalation: Remove from exposure, obtain medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion: Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, powder, foam or water.
Personal Protective Equipment: Self-contained breathing apparatus.
Flash Point (Closed Cup): > 200°C.
Special Exposure Hazards: Toxic fumes. Carbonoxides.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions: Prevent entry into drains, sewers and water courses.
Decontamination Procedures: Soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

HANDLING AND STORAGE

Handling: Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.

Storage: Keep container tightly closed in a cool dry area.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye protection: Safety glasses/goggles.
Respiratory Protection: Organic chemical cartridge respirator, if needed.
Skin Protection: Impervious gloves (e.g. PVC). Suitable protective clothing.
Hygiene Measures: Change contaminated clothing and clean before re-use.
Engineering Controls: No specific ventilation requirements noted.
Exposure Guidelines: None assigned.

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Cloudy/ clear
Odour:	Mild
Boiling Point (°C):	> 200
Flash Point (closed cup) (°C):	> 200
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not Known
Relative Density (@25°C):	1.12
Water Solubility:	Insoluble

STABILITY AND REACTIVITY

Stability: Stable reacts with compounds containing amino, hydroxyl or carboxyl groups to give stable, cross linked materials.

Conditions to Avoid: None Known.

Chemical Incompatibility: Strong acids. Strong alkalis. Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition yield oxides of carbon, toxic fumes.

TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Acute Oral effect LD50 > 5000 mg/kg. Classified as moderate sensitizer.

ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed as intended, no adverse environmental effects are foreseen.

Mobility: Viscous liquid. Insoluble in water.

Degradability: Not readily biodegradable.

Bioaccumulation: Not expected to be bioaccumulate.

Acute Fish Toxicity: Ecotoxic to fish/daphnia/algae.

DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off through an authorized waste contractor to a licensed site.

Used/ Contaminated Product: As for unused product.

Packaging: Must be disposed off through an authorized waste contractor.

TRANSPORT INFORMATION

UN Number: 3082

Transport Name: Environmentally hazardous substance, liquid N.O.S (Epoxy Resin).

Transport Type: Class: Pack Group: Marine Pollutant

At Sea	IMDG	9	III	No
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Air Transport IATA/ICAO	9	III
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At land	RID/ADR	9	III
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REGULATORY INFORMATION



irritant



Dangerous for the environment

Named Ingredients: Epoxy resin (Number average molecular weight <700)

UN Number: 3082

Risk Phrases:

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause longterm adverse in the aquatic environment.

Safety Phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

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