

MONOFLEX CFR



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: MONOFLEX CFR
Chemical Family: Single component modified acrylic polymer for cement based flexible waterproof coating system for concrete surface
Manufacturer: Starke Construction Chemicals
 Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Acrylic copolymer, water.
Hazardous ingredient(s): None of the ingredients of this product are classified as hazardous.
 Refer to Section 8 for Occupational Exposure Limits.

HAZARDS IDENTIFICATION

Hazard Information: No significant hazard.

FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if irritation persists.
Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.
Inhalation: Remove from exposure – unlikely to occur.
Ingestion: Wash out mouth with water. Don't induce vomiting. Obtain medical attention.

FIRE FIGHTING MEASURES

Flash Point (Closed Cup): None.
Extinguishing Media: Carbon dioxide, powder, foam or water fog – Do not use water jets.
Personal Protective Equipment: Self-contained breathing apparatus.
Special Exposure Hazards: Material can splatter above 100°C. Polymer film can burn. Irritant fumes.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection. Mixed with component A, the mixture can be irritating to the eyes and skin.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or container and remove by best available means. Gather into containers.

HANDLING AND STORAGE

Handling: Avoid skin and eye contact.
Storage: Store in cool and dry area. Protect from frost.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion: Prevent eating, drinking or smoking in the area of product use.
Eye contact: Safety glasses/goggles.
Skin contact: Protective gloves. (e.g. PVC)
Respiratory protection: In case of insufficient ventilation wear suitable equipment. Change contaminated clothing and clean before re-use.
Engineering controls: No specific ventilation requirement noted.
Exposure guidelines: None assigned.

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	White
Odour:	Acrylic
pH (concentrate):	7-9
Boiling Point (°C):	100%
Flash Point (closed cup) (°C):	None
Freezing point (°C):	Not determined
Vapor Pressure (KPa @20°C):	2.3 (water)
Relative Density (@25°C):	1.020
Water Solubility:	Emulsifiable

STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Temperature below 2°C
Chemical Incompatibility: None known
Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomers.

TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat > 2000 mg/kg.

Health Effects

On Eyes: May cause transient irritation.

On Skin: Unlikely to irritate on brief occasional exposure.

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.

ECOLOGICAL INFORMATION

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

Mobility: Mobile liquid. Emulsifiable in water.

Degradability: Inherently biodegradable.

Bioaccumulation: Not expected to be bioaccumulative.

Acute fish toxicity: Not Expected to be ecotoxic to daphnia magna and bluegill sunfish.

DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off in an approved manner. Do not empty into drains, sewers or water courses.

Used/Contaminated Product: As for unused product.

Packaging: May be steam cleaned and recycled.

TRANSPORT INFORMATION

This product is not classified as dangerous for transport.

REGULATORY INFORMATION

Hazard Label Data:

This product is not classified as dangerous for transport.

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.

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Important note :

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.

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