

STRUCTRO 2K



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: STRUCTRO 2K
Chemical Family: Polyurethane based flexible low viscosity crack injection grout
Manufacturer: Starke Construction Chemicals
Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

COMPOSITION/INFORMATION ON INGREDIENTS

Composition: cement and graded silica sands.
Hazardous Ingredient(s) Symbol CAS No. Risk Phrases %
Ordinary portland cement Xn 65997-15-1 H302/H315 40 - 60

HAZARDS IDENTIFICATION

Acute Tox. 4 H302 Harmful if swallowed.
Skin Irrit. 2 H315 - Causes skin irritation.

FIRST AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes: Check for and remove contact lenses if any. Irrigate copious amount of water for several minutes keeping eye lids open. Obtain medical attention if problem persists.
Skin: Wash thoroughly with soap and water or suitable skin cleanser immediately. Obtain medical attention if problem persists.
Inhalation: Remove to fresh air. If not breathing, provide artificial respiration. Seek medical attention if the problem continues.
Ingestion: Do not induce vomiting. Obtain medical attention and show the container or label.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Not flammable
Special Exposure Hazards: None
Special Protective Equipment: None

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear gloves and other suitable protective clothing.
Environmental Precautions: Prevent entry into drains, sewers and water courses.

HANDLING AND STORAGE

Handling: Avoid creating dust. Use eye/face protection. Ensure adequate ventilation.

Storage: Store in cool dry and cool area.

Decontamination: Gather into containers. Avoid formation of dust in atmosphere.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits : None assigned
Substance 8 Hour TWA STEL Source/Other Information
Silica amorphous: total inhalable dust 5 mgm-3 - EH 40 respirable dust 3 mgm-3
Portland cement: total inhalable dust 10 mgm-3 -EH 40 respirable dust 5 mgm-3
Engineering Control Measures: Atmospheric levels of dust must be maintained within the Occupational Exposure Standard. Where mechanical methods are inadequate, appropriate personal protective equipment must be used.
Personal Protective Equipment: Impervious gloves (eg PVC). Goggles. Approved dust mask.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid- Powder
Colour:	Grey
Odour:	-
Flash Point °C:	-
SG/Bulk Density:	1350 kg/m ³
Solubility:	Insoluble

STABILITY AND REACTIVITY

Stability: Stable under recommended conditions.

Conditions to avoid: Exposure to air. Contamination with water.

Materials to avoid: None.

Hazardous decomposition products: None.

TOXICOLOGICAL INFORMATION

Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Causes burns when wet. Harmful by inhalation and if swallowed.

ECOLOGICAL INFORMATION

When used and disposed as intended, no adverse environmental effects are foreseen. Expected to be not readily biodegradable.

Bio-accumulative potential and ecotoxicity are not determined.

DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation. Do not allow to enter into drains or water-courses. Material and container must be disposed as hazardous waste.

TRANSPORT INFORMATION

Proper Shipping name: Cement powder

UN Number: Not classified as hazardous for transport

IMO Class: Not classified as hazardous for transport

IATA/ICAO Class: Not classified as hazardous for transport

ADR Class: Not classified as hazardous for transport

IMDG-EMS: - Marine Pollutant: No

REGULATORY INFORMATION

EU Regulations: The product is labeled as follows, in accordance with local regulations.

Hazard Symbol(s): Xn

Contains: OPC

Relevant Phrases: H302 - Harmful if swallowed.
H315 - Causes skin irritation.

Precautionary Statements: P280 - Wear suitable protective clothing. P282 - Wear eye/face protection.

EC Directives: Dangerous Substances Directive, 67/548/EEC and adaptations. Dangerous Preparation Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regs. 1993 (SI 1746).

Control of Substances Hazardous to Health Regs. 1988 (SI 1657). Health and Safety at Work, etc. Act 1974. Environmental Protection Act 1990. Highly Flammable Liquids & Liquefied Petroleum Gases Regs. 1972 (SI 917)

Codes of Practice: Waste Management. The Duty of Care. Operational Provisions of the Road Traffic (Carriage of Dangerous Substances in packages..etc.) Regs. 1986(COP17)

Guidance Notes: Occupational skin diseases: health and safety precautions (EH 26). Storage of pack-

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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aged dangerous substances [HS(G)71].

The storage of highly flammable liquids (CS 2)The above publications are available from HMSO.

More from starke construction chemicals A wide range of construction chemical products are manufactured by STARKE which include:

- **Concrete admixtures.**
- **Surface treatments**
- **Grouts and anchors.**
- **Concrete repair.**
- **Flooring Coating**
- **Sealants.**
- **Waterproofing.**
- **Adhesives.**

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