

# STRUCTRO 80N



## Material Safety Data Sheet

### PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** STRUCTRO 80N  
**Chemical Family:** Rapid hardening cementitious repair mortar  
**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

|                         |                        |
|-------------------------|------------------------|
| <b>Physical State:</b>  | Solid- Powder          |
| <b>Colour:</b>          | Grey                   |
| <b>Odour:</b>           | -                      |
| <b>Flash Point °C:</b>  | -                      |
| <b>SG/Bulk Density:</b> | 1350 kg/m <sup>3</sup> |
| <b>Solubility:</b>      | 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-

aged dangerous substances [HS(G)71].

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

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#### **Important note :**

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