



SAFETY DATA SHEET

Printing Date: 11.4.2019

Revision Date: 24.7.2019

I. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: **DR. FIXIT POLYPLUS CP**

Product description: Cementitious concrete waterproofing

Product use: As water proofing agent in construction industry.

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SECTION II- IDENTIFICATION OF HAZARDS

Identification of Hazard: Irritating to respiratory system & skin. Risk of serious damage to eyes.

Classification according to GHS

Labeling:

Hazard Pictogram:



Hazard statement(s):

H313: May be harmful in contact with skin
H318: Causes serious eye damage
H333: May be harmful if inhaled

Precautionary statement(s):

P102: Keep out of reach of children
P233: Keep container tightly closed
P260: Do not breathe dust.....
P264: Wash... thoroughly after handling.
P281: Use personal protective equipment as required

SECTION III – COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS No.	Percentage
Cement	65997-15-1	45 - 65
Alkaline Earth Metals	1317-65-3	30 - 40

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SECTION IV- FIRST AID MEASURES

Skin contact:	Flush skin with soap & water while removing contaminated cloths. Seek medical help if required. Wash contaminated cloths before reuse.
Eye contact:	Irrigate with copious water for at least 10 minutes. Seek medical attention.
Inhalation:	Move the subject to fresh air. If not breathing, give artificial respiration. If respiration is difficult, give Oxygen and seek help from Physician.
Ingestion:	Immediately give two glasses of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.
Note to physician:	There is no specific antidote. Treatment should be given symptomatically on the clinical conditions.

SECTION V - FIRE-FIGHTING MEASURES

Product does not present fire or explosion hazard.

Fire extinguishing media:	Use extinguishing media appropriate for surrounding fire.
Special fire fighting procedure:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual fire and explosion hazards:	Does not show any particular risk in case of fire.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with the skin and the eyes. See sections VII & VIII for personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environment precautions:	Do not allow to enter soil, waterways and open bodies of water.
Cleaning methods:	Pick up dry material. Possibly reuse depending upon shelf life considerations and the requirement to avoid dust exposure. In case of disposal, harden with water and dispose according.

SECTION VII- HANDLING AND STORAGE

Precautions for Safe handling:	Avoid prolonged contact with skin. Use protective gloves. Avoid rubbing eyes while handling
Storage:	Keep away from moisture and wet areas. Keep container tightly closed when not in use. Protect from physical damage. Maintain good housekeeping.

SECTION VIII- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

Engineering measures:	Use only in area provided with appropriate exhaust ventilation.
Hygiene measures:	Avoid rubbing eyes during handling. Handle in accordance with good industrial hygiene and safety practice
Control parameters:	
Ingredients with limit values that require monitoring at the workplace.	
Exposure controls	Not required
Exposure limits	Not required.

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Personal protective equipment

- Eye protection:** Use Face shield & chemical splash proof safety goggles or equivalent. contact lenses should not be worn.
- Skin and body protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.
- Respiration protection:** Maintain good ventilation in the area. Suggested MSHA/NIOSH approved respirator where vapors concentrations is more.
- Protective measures:** Eye wash facility and emergency shower

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|--|
| Form: Powder | Color: Grey |
| Odor: Characteristic | pH (mixed with water): 11-14 |
| Melting point/Melting range: Not required. | Boiling point: Not required |
| Flash point: Not required. | Flammability: Non flammable |
| Auto-ignition temperature: Not determined | Decomposition temperature: Not determined |
| Bulk density (tapped): approx 1.4 gm/cc | Viscosity @ 30⁰C: Not determined |
| Solubility in / Miscibility with water: Keep away from water | |

SECTION X - STABILITY AND REACTIVITY DATA

- Chemical stability:** Stable under normal conditions of use.
- Thermal decomposition:** May yield acrid smoke and irritating gases with oxides of carbon
- Possibility of hazardous reaction:** No dangerous reactions known
- Hazardous Polymerization:** Will not occur
- Conditions to avoid:** Keep away from humid conditions & water
- Incompatible Materials:** Moisture & water

SECTION XI - TOXICOLOGICAL INFORMATION

- Toxicity:** Quantitative data on toxicological effects is not available for this product.
- Potential health effect:**
- On the skin:** May have an irritating effect on moist skin (due to transpiration or humidity) after prolonged contact. Prolonged skin contact with wet cement or fresh concrete may cause serious burns because they develop without pain being felt . Repeated skin contact with wet cement may cause contact dermatitis
- On the eye:** Short-term exposure, Irritating. Long-term exposure, irritating may cause inflammation of the cornea. Eye contact with cement (dry or wet) may cause serious and potentially irreversible injuries.
- Inhalation:** Short-term exposure, irritating. Long-term exposure may cause inflammation of lining of the respiratory system.
- Ingestion:** Swallowing large quantities may cause irritation to the gastrointestinal tract.
- Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects.

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SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: The product is not expected to be hazardous to the environment. The addition of large amounts of cementitious product to water may, however, cause a rise in pH and may therefore be toxic to aquatic life under certain circumstances.

Persistence and degradability: Not relevant as cement is an inorganic material. After hardening, cement presents no toxicity risks.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility: Dry product is not volatile but might become airborne during handling operations.

Results of PBT and vPvB assessment: No information is available

Other adverse effects No further relevant information available.

SECTION XIII - DISPOSAL INFORMATION

Waste from Residues / Unused Products: Dispose off in accordance with local regulations.

Contaminated Packaging: Empty containers should be taken to local recyclers for disposal

SECTION XIV - TRANSPORTATION INFORMATION

Cement is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) and no classification is required

UN Number (ADR, IMDG, IATA): Not regulated

UN proper shipping Name (ADR, IMDG, IATA): Not regulated

Transport hazard class (es) (ADR, IMDG, IATA): Not regulated

Packing group (ADR, IMDG, IATA): Not regulated

Environmental hazards: Marine pollutant: No

Special precautions for user: None

SECTION XV - REGULATORY INFORMATION

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION XVI - MISCELLANEOUS INFORMATION

DISCLAIMER: The data presented here is based on information we believe to be reliable but unknown risks may be present. We disclaim liability for damage or injury which results from the use of the above data and nothing contained therein shall constitute a guarantee or a warranty (including warranty of Merchantability or fitness for a particular purpose) or representation (including freedom from Patentability) by us with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose as known to us. The final determination of the suitability of information, the manner of use of information or product and potential infringement of patents is the sole responsibility of the user.

ABBREVIATIONS USED: NA - NOT APPLICABLE, NH - NON HAZARDOUS, CI - CONTENT INSIGNIFICANT.