



SAFETY DATA SHEET

Printing Date:07.07.2021

Revision Date:07.07.2021

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

Product name	DR. FIXIT FASTFLEX (Powder)
Product description	Cementitious mixture (PART A)
Product use	Two component system for waterproofing purpose in construction industry.
Manufacturer/supplier	Pidilite Industries Ltd., Ramkrishna Mandir Road, Kondivita, Off: M. VasANJI Road, P.O. Box 17411, Andheri (East), Mumbai – 400059 Email: pilmsds@pidilite.co.in
	Telephone: +91-22-2835 7000 Fax: +91-22-2821 6007

SECTION II- IDENTIFICATION OF HAZARDS

2.1 Classification according to GHS

Skin Irritation, Category 2
Eye damage, Category 1
Skin sensitization, Category 1
Specific target organ toxicity - single exposure, category 3



2.2 Label elements

Signal word: Danger

Hazard statement:

H315: Causes skin irritation.
H318: Causes serious eye damage
H317: May cause an allergic skin reaction
H335: May cause respiratory irritation.

Precautionary statement

P102: Keep out of reach of children.
P261: Avoid breathing dust
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/ eye protection/ face protection
P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents and container in accordance with local, regional, international regulations.

Other hazards: On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

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SECTION III – COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Chemical Identity: Mixture containing Cement, sand, and other ingredients.

3.2. Mixture

Hazardous ingredient(s):

Identification	Chemical Name	Classification
CAS: 65997-15-1	Portland cement	Skin Irrit. 2 H315, Eye damage.1 H318, Skin Sens.1 H317, STOT SE 3 H335

SECTION IV- FIRST AID MEASURES

Description of first-Aid Measures

On Skin

Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

On eye contact

Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If redness, burning, irritation symptoms persist seek medical attention if

On inhalation

Move the exposed person to fresh air. Remove patient from contaminated area. Lay patient down. Keep warm and rested. Prosthesis such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if breathing is difficult. Seek medical attention.

Ingestion

Wash out mouth with water, remove dentures if any, NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If conscious give small quantities of water to drink. DO NOT induce vomiting. Get medical attention immediately.

Note to physician

There is no specific antidote. Treatment should be given symptomatically on the clinical conditions.

Most important symptoms and effects, both acute and delayed

Inhalation: May cause irritation to the respiratory system. May cause damage to mucous membranes in nose, throat, lungs & bronchial system

Eye contact: May cause severe irritation to eyes. May cause blurred vision and serious eye damage.

Skin contact: May cause serious chemical burns to the skin.

Ingestion: May cause burns. Additional effects may include sore throat, diarrhea and stomach pain.

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SECTION V - FIRE-FIGHTING MEASURES

Product does not present fire or explosion hazard

Fire extinguishing media: Use extinguishing media appropriate for surrounding fire.

Special firefighting 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 or repeated breathing of vapors and contact with skin.

Storage: Store in a cool, dry, well-ventilated area. Protect from frost & physical damage. Store away from moisture. Keep in a closed labeled container. Keep container close when not in use

SECTION VIII- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Personal protective equipment

Eye protection: Use Face shield & chemical splash proof safety goggles or equivalent.

Hand protection: Impervious (rubber, neoprene, pvc, etc.) hand gloves, aprons.

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.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Protective measures: Eye wash facility and emergency shower.

Engineering measures: Use only in area provided with appropriate exhaust ventilation.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder **Color:** Grey

Odour: Characteristic **pH:** Alkaline in water

Boiling point/Boiling range °C: Not applicable **Flash Point:** Non-flammable

Specific gravity (water=1): 1.4 (bulk density) **Viscosity @ 25°C (poise):** Not applicable

Solubility in water @ 20 °C: Solidifies in contact with 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: Hazardous polymerization does not occur.

Conditions to avoid: Keep away from humid conditions

Incompatible Materials: Reacts with water.

SECTION XI - TOXICOLOGICAL INFORMATION

Information on toxicological effects

When the cement based powder is mixed with water or admixture, a strongly alkaline paste is produced. Cement based products may, until set, cause both irritant and allergic contact dermatitis. Irritant, contact dermatitis is due to a combination of the wetness, alkalinity and abrasiveness of the constituent materials. Corrosive, Prolonged contact causes serious eye and tissue damage.

The experimental information related to the toxicological properties of the product itself is not available

Acute Toxicity:

Component	CAS No.	LD50 Oral	LD50 Dermal	LC50 Inhalation
Portland cement	65997-15-1	>2000 mg/kg rabbit	--	--

A- Ingestion (acute effect)

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

B- Inhalation (acute effect)

May cause irritation to the respiratory system. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Harmful! Danger of serious damage to health by prolonged exposure through inhalation.

C- Contact with the skin and the eyes (acute effect)

Contact with the skin: May cause serious chemical burns to the skin. Skin contact may cause an allergic skin reaction.

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Contact with the eyes: Severely irritating to eyes. Risk of serious damage to eyes.

D- Sensitizing effects:

Skin: Sensitization possible through skin contact

E- STOT-single exposure Based on available data, the classification criteria are not met.

F- STOT-repeated exposure: STOT Repeated Exposure Category 3

May cause respiratory irritation.

CMR effects (Carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

SECTION XII - ECOLOGICAL INFORMATION

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.

Aquatic toxicity

Acute toxicity to fish: The product itself has not been tested.

Acute toxicity to daphnia and other aquatic invertebrates: The product itself has not been tested

Toxicity to aquatic plants: The product itself has not been tested.

Chronic toxicity to daphnia and other aquatic invertebrates: The product itself has not been tested.

Persistence and degradability Not relevant, After hardening Cement possesses no toxicity risk.

Biodegradation (For Product): No data available

BOD/COD Ratio (For Product): No data available

Bio-accumulative potential Will not bio-accumulate

Mobility in soil

Product is non-volatile. The product is insoluble in water and will sediment in water systems.

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

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Other adverse effects No information available

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SECTION XIII - DISPOSAL INFORMATION

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

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

SECTION XIV - TRANSPORTATION INFORMATION

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

Labeling: The product does not require a hazard warning label.

Hazard Symbol None

Risk Phrases None

Chemical Inventories: The chemical Substances used in the product are listed on following chemical inventories: AICS (Australia), Canada (DSL), China (IECSC-SEPA), Japan (ENCS), Korea (KECI), PICCS (Philippines), TSCA, Europe (EINECS)

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.

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

Product name DR. FIXIT FASTFLEX (Liquid)
Product description Acrylic polymer emulsion (PART B)
Product use As binder for Cementitious product
Manufacturer/supplier Pidilite Industries Ltd., Ramkrishna Mandir Road,
Kondivita, Off: M. VasANJI Road, P.O. Box 17411,
Andheri (East), Mumbai – 400059
Email: pi.msds@pidilite.co.in
Telephone: +91-22-2835 7000 Fax: +91-22-2821 6007

SECTION II- IDENTIFICATION OF HAZARDS

Hazard Identification: Not hazardous
Classification of substance or mixture according to GHS: Not Hazardous
Classification according to EU Directive 67/548/EEC or Directive 1999/45/EC: Not Hazardous
Labeling: Not required
Signal Word: None
Risk: None under normal operating conditions.

SECTION III – COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identity: Acrylic polymer emulsion

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: Immediately flush eyes with plenty of water for at least 15 minutes. Consult Physician if irritation persists.
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.

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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: Aqueous product: 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: Soak up with inert absorbent material Keep in suitable, closed containers for disposal. Do not let this material enter the environment. Contaminated equipment must be cleaned immediately with water. Dispose of in accordance with local regulations.

SECTION VII- HANDLING AND STORAGE

Precautions for Safe handling: Observe good hygiene & safety practices. Use appropriate Personal protective equipment [PPE] during handling.

Storage: Store in a cool, dry, well-ventilated area. Protect from frost & physical damage. Recommended storage temperature is 15 °C to 35 °C. Keep container tightly closed when not in use. Store away from heat and direct sunlight. Maintain good housekeeping.

SECTION VIII- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

Engineering measures: Use only in area provided with appropriate exhaust ventilation.

Control parameters:

Exposure controls Not required

Exposure limits Not required.

Personal protective equipment

Eye protection: Use Face shield & chemical splash proof safety goggles or equivalent.

Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

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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: Liquid

Color: Milky White

Odour: Characteristic

pH: 7.0 – 8.0

Boiling point: 100 °C (Water)

Flammability: Non-flammable

Flash point: Not required.

Viscosity @ 27 °C: 2 – 5 Poise

Density @ 27 °C (water=1): 1.03 ± 0.02 gm/cc

Solubility in / Miscibility with water: Miscible

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 hazardous reactions known in normal use conditions.

Hazardous Polymerization: Hazardous polymerization does not occur

Conditions to avoid: Extreme heat & freezing

SECTION XI - TOXICOLOGICAL INFORMATION

Acute toxicity: No acute toxicity information is available for this product

Potential health effect:

On the skin: Under normal conditions of good hygiene, not expected to be irritant

On the eye: Eye contact with any nuisance particulate may cause eye irritation

Inhalation: May cause slight irritation of upper respiratory tract

Ingestion: Not an expected route of entry. May cause mild gastric irritation

Sensitization: No sensitizing effects known

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

Aquatic toxicity: Quantitative data on the ecological effect of this product are not available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

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: Do not allow to enter in sewer. Dispose off in accordance with local regulations.

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

SECTION XIV - TRANSPORTATION INFORMATION

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

Labeling: The product does not require a hazard warning label.

Chemical Inventories: The chemical Substances used in the product are listed on following chemical inventories: AICS (Australia), Canada (DSL), China (IECSC-SEPA), Japan (ENCS), Korea (KECI), PICCS (Philippines), TSCA, Europe (EINECS)

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

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SECTION XVI - MISCELLANEOUS INFORMATION

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