



# SAFETY DATA SHEET

Printing Date:24.08.2021

Revision Date: 24.08.2021

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

**Product name** DR. FIXIT PIDIFIN 2K (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](mailto:pilmsds@pidilite.co.in)  
Telephone: +91-22-2835 7000 Fax: +91-22-2821 6007

## SECTION II- IDENTIFICATION OF HAZARDS

### Classification according to GHS:

**Identification of Hazard:** .  
Serious eye damage/eye irritation Category 1

**Hazard Label:** 

**Signal Word: Danger**

### **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.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P403 Store in a well-ventilated place.  
P501 Dispose of contents/container according to local, national or international regulation.

## SECTION III – COMPOSITION/ INFORMATION ON INGREDIENTS

**Chemical Identity:** Cement containing sand, filler and other ingredients.



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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:** 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.

## 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



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## 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.

## 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.



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## 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.

## 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.

### Behavior 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 of in accordance with local regulations.

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

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## 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 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

<b>Product name</b>	<b>DR. FIXIT PIDIFIN 2K (Liquid)</b>
<b>Product description</b>	Acrylic polymer emulsion (PART B)
<b>Product use</b>	As binder for Cementitious product
<b>Manufacturer/supplier</b>	Pidilite Industries Ltd., Ramkrishna Mandir Road, Kondivita, Off: M. VasANJI Road, P.O. Box 17411, Andheri (East), Mumbai – 400059 Email: <a href="mailto:pilmsds@pidilite.co.in">pilmsds@pidilite.co.in</a>
	Telephone: +91-22-2835 7000 Fax: +91-22-2821 6007

## SECTION II- IDENTIFICATION OF HAZARDS

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

## SECTION III – COMPOSITION/ INFORMATION ON INGREDIENTS

**Chemical Identity:** Acrylic polymer emulsion



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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:** 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.

## 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.

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## 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.
- 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



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**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

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## 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.

## 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.



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**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

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## SECTION XV - REGULATORY INFORMATION

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

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

## SECTION XVI - MISCELLANEOUS INFORMATION



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