



SAFETY DATA SHEET

Printing Date: 26.08.2022

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Dr. Fixit Stone tile Adhesive

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identifies Uses Cement based adhesive

Uses advised against No information related to restrictions of use to our knowledge

1.3. Details of the supplier of the safety data sheet

Name: Pidilite Industries Ltd.,

Address: Ramkrishna Mandir Road, Kondivita, Off: M. Vasanji Road,
P.O. Box 17411, Andheri (East), Mumbai – 400059

Email: piilmsds@pidilite.co.in

Telephone: +91-22-2835 7000

SECTION 2- IDENTIFICATION OF HAZARDS

2.1 Classification of the substance or mixture:

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

General

P102: Keep out of reach of children.

Prevention

P261: Avoid breathing dust

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/ eye protection/ face protection

Response

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.

Disposal

P501: Dispose of contents and container in accordance with local, regional, international regulations.

2.3 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 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

Hazardous ingredient(s):

Chemical name	CAS no.	Classification	Concentration
Portland Cement	65997-15-1	Skin Irrit. 2 H315, Eye damage.1 H318, Skin Sens.1 H317, STOT SE 3 H335	25 – 50 %

SECTION 4- FIRST AID MEASURES

4.1. 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 inhaled

Move the exposed person to fresh air. Remove patient from contaminated area. Lay patient down. Keep warm and rested. Prostheses 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.

4.2. 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.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment: Symptomatic treatment

SECTION 5 - FIRE-FIGHTING MEASURES

5.1. Fire extinguishing media

Suitable extinguishing media

Product is non-flammable. Use extinguishing media appropriate for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed

Hazardous thermal decomposition products

Carbon monoxide (CO) & Carbon dioxide (CO₂); In case of fire toxic gases may be formed (Cox, NOx)

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5.3. Special Protective equipment

Wear full protective clothing and self-contained breathing apparatus (SCBA). Prevent, by any means available, spillage from entering drains or water course. Consider evacuation.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid all personal contacts. Ensure adequate ventilation of the working area. Wear suitable protective equipment. Personal protection equipment must be used. (See section 8).

6.2. Environmental precautions

Do not allow to enter soil, waterways and open bodies of water.

6.3. Methods and material for containment and cleaning up

Avoid contact with skin, inhalation of spillage, dust. Dampen spillage with water Vacuum or sweep up material. Collect spilled material if possible in suitable and properly labeled container. Prevent runoff into drains. Contaminated equipment must be cleaned immediately with water. Clean spillage area thoroughly with plenty of water. Dispose of in accordance with local regulations.

6.4. Reference to other sections

See sections 8 and 13.

SECTION 7- HANDLING AND STORAGE

7.1. Precautions for Safe handling

Safe handling

Avoid all personal contact, including inhalation. Wear suitable protective equipment. (See section 8). Use in a well-ventilated area. Avoid contact with incompatible materials. Avoid handling which leads to dust formation. Keep containers securely sealed when not in use. Avoid physical damage to containers. Launder contaminated clothing before re-use. Use good occupational work practice.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in a cool, dry, well-ventilated area. Store in original container. Protect from frost & physical damage. Keep container tightly closed when not in use. Maintain good housekeeping. Keep containers closed at all times – check regularly for leaks. Do not eat, drink or smoke in areas of use or storage. Maintain good housekeeping.

SECTION 8- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT


8.1. Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace:

CAS no.	Component	ACGIH TLV –TWA	OSHA PEL (ppm)
65997-15-1	Portland Cement	TWA: 1mg/m ³ particulate matter containing no asbestos and <1% crystalline silica respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction

8.2. Exposure controls

A - Respiratory protection

Pictogram	PPE	Remarks
	Maintain good ventilation in the area. If exposure limits are exceeded or irritation is experienced, MSHA/NIOSH approved are recommended Positive pressure supplied air respirators may be required for high airborne	--


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	contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.	
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B –Skin protection

Pictogram	PPE	Remarks
	Impervious gloves	Replace gloves in case of any sign of damage.

C - Eye/face protection:

Pictogram	PPE	Remarks
	Tightly fitting safety goggles	Clean daily and disinfect periodically according to the manufacturer’s instructions. Use if there is a risk of splashing.

D – Body Protection

Pictogram	PPE	Remarks
None	Wear appropriate protective gloves and clothing to prevent skin exposure	Replace before any evidence of deterioration.

E. Appropriate engineering controls

Provide adequate ventilation

F. Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

G. Protective measures

Eye wash facility and emergency shower.

H. Environmental exposure controls

Comply with the requirement of local environmental protection legislation. It is recommended to avoid environmental spillage of both the product and its container.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Free flowing powder
Colour	Grey
Odour	Characteristic
Odour threshold	Not applicable
pH	Not applicable
Melting point / freezing point	Not applicable
Initial boiling point	Not applicable
Boiling range	Not applicable
Flash point	Not applicable
Evaporation Rate	Not applicable
Lower explosive limit	Not applicable
Upper explosive limit	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Density (g/cc)	1.65 – 1.75
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not applicable

9.2 Other information



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No information available

SECTION 10 - STABILITY AND REACTIVITY DATA

- 10.1 Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport
- 10.2 Chemical stability** Stable under normal conditions.
- 10.3 Possibility of hazardous reaction** Not known
- 10.4 Conditions to avoid** Avoid contact with acids, water, moisture product may harden on contact with water.
- 10.5 Incompatible Materials** Materials to avoid: Acids, Oxidizing materials
- 10.6 Hazardous decomposition Products:** Thermal decomposition leads to carbon monoxide, carbon dioxide

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 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.

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 (Carcinogenicity, 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 12 - 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.

12.1 Aquatic toxicity

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



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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.
12.2 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
12.3 Bioaccumulative potential	Will not bio-accumulate
12.4 Mobility in soil	

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

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects No information available

SECTION 13 - DISPOSAL INFORMATION

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

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

SECTION 14 - TRANSPORTATION INFORMATION

ADR Road transport Not classified as a dangerous good under transport regulations

UN number Not regulated

UN proper shipping name Not regulated

Transport hazard class (es) Not regulated

Packing Group Not regulated

RID Rail transport Not classified as a dangerous good under transport regulations

UN number Not regulated

UN proper shipping name Not regulated

Transport hazard class (es) Not regulated

Packing Group Not regulated

IMDG Sea transport Not classified as a dangerous good under transport regulations

UN number Not regulated

UN proper shipping name Not regulated

Transport hazard class (es) Not regulated

Packing Group Not regulated

IATA Air transport Not classified as a dangerous good under transport regulations

UN number Not regulated

UN proper shipping name Not regulated

Transport hazard class (es) Not regulated

Packing Group Not regulated

Special precautions for user: Avoid contact with eyes & skin. Avoid release to the environment.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available



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SECTION 15 - REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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)

15.2 Chemical safety assessment:

The chemical safety assessment has not been carried out.

SECTION 16 - MISCELLANEOUS INFORMATION

Legislation related to safety data sheets

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.

Non-applicable

Texts of the legislative phrases mentioned in section 2 & 3

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	May causes serious eye damage.
H330	Fatal if inhaled
H335	May cause respiratory irritation.

Abbreviations and acronyms:

ACGIH	USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA	8-hour, time-weighted average
ADR	European agreement concerning the international carriage of dangerous goods by road
BOD:	Biochemical oxygen demand
BCF	Bioconcentration factor
CAS No	Chemical Abstracts Service number
COD:	Chemical Oxygen Demand
IMDG	International maritime dangerous goods code
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
OSHA PEL	Occupational Safety and Health Administration Permissible exposure limits
PBT	Persistent, bioaccumulative and toxic substance
PPE	Personal Protective equipment
vPvB	Very persistent and very bioaccumulative

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