

SECTION 1: IDENTIFICATION OF THE SUBSTANCE

Brand name	Floors of Stone - Ultra Dry Moisture Barrier - Part B
Recommended use	Concrete moisture barrier.
Supplier	Floors of Stone, Cotes Mill, Nottingham Road, Loughborough, Leicestershire, LE12 5TL
Telephone	+44 (0) 1509 234000
Office hours	08:30 - 17:00 (Mon - Fri) 10:00 - 17:00 (Sat)
Emergency contact	NHS Direct (+44 111) Floors of Stone +44 (0) 1509 234000 08:30 - 17:00 (Mon - Fri)
Other means of identification	Chemical family - Arnines.

SECTION 2: HAZARDS IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

According to Regulation (EC) No. 1272 / 2008 (CLP)

2.1 Classification of the product

Irritant, sensitizer.

2.2 Label elements

- Mild respiratory tract and skin irritant.
- Severe eye irritant, corrosive to eyes.

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2.3 Labelling of special preparations (GHS)

According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

According to Regulation (EC) No. 1272 / 2008 (CLP)

Irritant.

2.4 Emergency overview

Use proper ventilation. Do not mix with Part B until ready for use. Produces exothermic reaction.

Do not mix in large quantities.

Caution

- May cause skin irritation if not removed after skin contact.
- Use in well ventilated area or with local exhaust ventilation.
- Use suitable protective equipment for eyes, skin protection.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

According to Regulation (EC) No. 1272 / 2008 (CLP)

This product does not contain any components classified as hazardous under the referenced regulation.

CAS number	Content	Chemical Name
Trade Secret	35 - 45	Calcium carbonate
Trade Secret	60 -65	Modified polyimide mixture

SECTION 4: FIRST AID MEASURES

4.1 General advice

Remove material from contact immediately and apply recommended first-aid procedure. Get medical attention immediately if symptoms occur.

If inhaled	Remove individual to fresh air. Administer oxygen if necessary. Seek medical attention.
If on skin	Remove from skin and wash with mild soap and water for at least 15 minutes. If irritation persists, seek medical attention.
If in eyes	Open eyelids and flush with running water for at least 15 - 20 minutes. If irritation persists, seek medical attention.
If swallowed	Seek medical attention immediately. Do not induce vomiting. This might cause chemical pneumonitis.

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4.2 Most important symptoms and effects, both acute and delayed

Acute	May cause headache, skin rash, and central nervous system depression.
Delayed / Chronic	May cause narcosis, unconsciousness from inhalation. May cause dermatitis from chronic skin contact.

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention.

4.4 Note to physician

Treatment Symptomatic treatment.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Carbon dioxide, foam, dry chemicals and water spray.

5.2 Special hazards arising from the substance or mixture

Do not expose to excessive heat, open flames or sparks. Turn off all pilot lights.

5.3 Advice for fire-fighters

Water may spread burning liquid. Avoid direct stream of water. Use water spray only to cool containers exposed to flames. Do not enter closed or confined work area without proper protective equipment. Use self-contained breathing apparatus and turn out gear. If leak or spill has not ignited, use water fog to disperse vapours.

5.4 Further information

Dispose of debris and contaminated clothing in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Spillage

Fire and slippage hazard when spilled. Eliminate sources of ignition including electrical switches and motors, pilot lights etc. Evacuate area and report incident immediately. Keep parts A and B separated.

6.2 Personal precautions, protective equipment and emergency procedures

Use suitable personal protective clothing. Avoid contact with skin and eyes. Avoid inhalation of vapours.

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6.3 Environmental precautions

Do not release spilled material into natural waters, drains, watercourses or sewers. During any spill dike and contain the area if required and block all natural waterways.

6.4 Methods and material for containment and cleaning up

Use absorbent (clay / sand) to remove large volume. Scrape residual amount and place in suitable containers. Dispose of in line with Section 13.

SECTION 7: HANDLING & STORAGE PRECAUTIONS FOR SAFE HANDLING

7.1 Handling

Use in a well ventilated place. Always use protective equipment when handling material to avoid direct contact and safe handling practices for chemicals. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Product is flammable. Keep away from sources of ignition. Store in suppliers original labelled packages in cool, dry conditions. Protect against physical damage and do not puncture.

SECTION 8: EXPOSURE CONTROL

8.1 General

Maintain proper ventilation. Keep away from sources of ignition. Avoid skin and eye contact. Avoid inhalation. Use in well ventilated area. Open doors and windows if necessary. If insufficient ventilation, use respirator with local exhaust and not closed air-circulating system.

8.2 Personal protective equipment (PPE)

Respiratory	Use in well ventilated areas and avoid inhalation of vapours. If insufficient ventilation use suitable respirator - NIOSH, local exhaust ventilation not closed air-circulating system.
Skin	Avoid contact with skin. Wear suitable chemical resistant gloves (PVC), coveralls and boots.
Eyes	Avoid contact with eyes. Wear suitable safety glasses, goggles, or face shield.

8.3 General hygiene and safety measure

- Do not eat, drink or smoke whilst using this product.
- Wash hands immediately after use. Launder contaminated clothing before re-use.
- Always use suitable protective equipment to avoid direct contact.

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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Form	Viscous yellow to amber with ammoniacal odour.
PH value	9.2
Melting point	No data available.
Flash point	> 212 °F
Boiling point	> 100 °F
Flammability	Material will burn.
Lower / Upper explosion limit	Not applicable.
Vapour pressure	Not determined.
Density	9.16 lbs per gallon
Relative density	1.1 grams / cm ³
Vapour density	Not applicable.
Partition coefficient n-octanol / water	No data available.
Self-ignition temperature	No data available.
Miscibility in water	Not miscible.
Solubility in water	Insoluble.
Evaporation rate	No data available.
Viscosity, dynamic	7,500 cps

SECTION 10: STABILITY & REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	N-nitrous amine (a potent carcinogen) may be formed when the material comes in contact with nitrous acid, nitrites or atmosphere with high nitrous oxide concentrations.
Possibility of hazardous reactions	None, product is stable.
Conditions to avoid	Organic acids (acetic acid, citric acid), mineral acids. Will corrode copper, aluminium, zinc and galvanized surfaces. Incompatible with bases, oxidising agents, sodium hypochlorite. Will react with peroxides which will cause violent decomposition.
Incompatible materials	Strong oxidising agents.

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Hazardous decomposition products

Oxides of carbon, water and organic compounds of unknown structures. Do not breathe smoke or fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Primary routes of exposure

Respiratory, eyes, skin. Ingestion is not likely but might cause gastric disturbances.

11.2 Acute toxicity / effects

Acute toxicity (compiled based on the data supplied by supplier):

May cause headache, skin rash, central nervous system depression.

Acute oral effects

LD50 > 2000mg / kg

Acute dermal toxicity

LD50 > 2000mg / kg

Inhalation

Inhalation of aerosols of a chemically similar material resulted in the death of rats during administration and in transient central nervous system symptoms including lethargy, ataxia, tremors and convulsions.

Sensitization

May cause sensitization upon skin contact. Sensitization has occurred in laboratory animals after repeated exposures.

Skin / Eyes

Irritant.

11.3 Chronic toxicity / effects

Actual product was not tested.

11.4 Repeated dose toxicity

Ocular irritation tests with rabbits did not result in any animal deaths.

Genetic toxicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Teratogenicity

No data available.

Mutagenicity

No data available.

SECTION 12: ECOLOGICAL INFORMATION

No data available but this product is not classified as dangerous to the environment.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste material and empty un-cleaned packages should be disposed of in accordance with National Environmental Regulations.

EU waste code number - 08-04-10

SECTION 14: TRANSPORT INFORMATION

This material is not classified as dangerous for transport by road and sea.

Proper shipping name	Not applicable.
Proper hazard code	Not hazardous.
Hazard code	None hazardous.
Bill of landing description	Adhesive, Cement, NOI.

SECTION 15: REGULATORY INFORMATION

CHIP	Identification of special ingredients	None
	Hazard symbols	None
	Risk phrases	None
	Safety phrases	None

TSCA Chemicals contained in the product are either listed or exempt in the U.S EPA TSCA inventory list.

SARA Title III, Section 312 Hazard Class Acute Health Hazard

EPA SARA Title III Section 312 None

CA Prop 65 None

SECTION 16: OTHER INFORMATION

Floors of Stone believes the data set forth herein is accurate as of the data hereof. Floors of Stone makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.