

1. Product and company identification

1.1 Identification of the substance or preparation:

Commercial product name:

Cutdown II – Part A

Use of substance/ preparation:

Applied over concrete slabs and certain other floors for moisture vapor transmission reduction and adhesive residue isolation.

1.2 Company/undertaking Identification:

Manufacture/distributor:

Dependable LLC
PO Box 16307
Rocky River, Ohio 44116 USA

Customer information: Info line

Tel (440) 333-1122

Emergency telephone no. (24h)

(800) 424-9300 (Chemtrec, USA)
(703) 527-3887 (Chemtrec, International)

2. Hazards Identification

Emergency Overview

Warning

May cause respiratory tract, eye and skin irritation. Do not breathe vapors or mist.

Color: Off-White

Physical state: Liquid

Odor: Slight acrylate

HMIS

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NFPA 704

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Potential Health Effects

2.1 Principle routes of exposure: Inhalation, ingestion, skin and eye contact.

2.2 Eye contact: Contact with eyes may cause irritation

2.3 Skin contact: Prolonged skin contact may cause skin irritation.

2.4 Inhalation: Prolonged inhalation of dust or mist may cause respiratory irritation

2.5 Ingestion: May be harmful if ingested. May irritate digestive tract.

2.6 Chronic toxicity: Excessive inhalation of fumes or dust may cause chemical pneumonitis, cyanosis, and pulmonary edema.

3. Composition/ Information on Ingredients

Chemical name	CAS Number	Weight %
Acrylic copolymer	Proprietary	58.98
Sodium sulfonate	Proprietary	0.5

The specific chemical identities are being withheld as a trade secret (29CFR1910.1200)

4. First-aid measures

4.1 Eye contact: Rinse immediately with plenty of water, also under the eyelids. Get medical attention if irritation develops.

4.2 Skin contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

4.3 Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

4.4 Ingestion: Drink plenty of water. Do not induce vomiting. Consult a physician if necessary.

4.5 Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Flash point: >94°C (>201°F) (calculated)

Autoignition: not applicable Literature data.

5.1 Suitable extinguishing media:

Foam, water spray, dry powder, carbon dioxide

5.2 Unsuitable extinguishing media for safety reasons:

None

5.3 Hazards during firefighting:

Carbon oxides.

5.4 Protective equipment for firefighting:

As in any fire, wear self-contained breathing apparatus (pressure-demand, NIOSH approved or equivalent) and full protective gear

5.5 Further Information:

Product itself is non-combustible; fire-extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

6.1 Personal Precautions:

Remove all non-essential people from the affected area. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

6.2 Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

6.3 Cleanup:

Wear personal protective equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Clean contaminated surface thoroughly. Dispose of promptly. For large amounts: Pump off product.

7. Handling and storage

7.1 Handling

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink, or smoke in areas of use or storage. Do not take internally. Wash thoroughly after handling.

Precautions against fire and explosion:

The substance/product is non-combustible. The product does not contribute to the spreading of flames, nor is it self-combustible, not explosive. Take precautionary measures against static discharges.

7.2 Storage

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep product and empty container away from heat and sources of ignition.

8. Exposure controls and personal protection

Minimize exposure in accordance with good hygiene practice.

8.1 Engineering measures: Provide appropriate exhaust ventilation wherever dust, mist, vapors, or fumes can be generated. Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.2 Eye protection: Safety glasses with side-shields.

8.3 Skin and body protection: Lightweight protective clothing. Keep working clothes separately. Remove and wash contaminated clothing before re-use.

8.4 Hand protection: Impervious gloves. Follow the recommendations given by the manufacturer of protective gloves.

8.5 Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. NIOSH-approved respirators should be worn where engineering controls and work practices do not reduce exposure to or below the PEL. Seek professional advice prior to respirator selection and use.

8.6 Hygiene measures: Wash hands before breaks and at the end of workday

9. Physical and chemical properties

Form:	Liquid
Odor:	Slight acrylate
Color:	Off white
pH value:	1-3.5
Boiling point:	100°C (212°F)
Vapor pressure:	None
Specific gravity:	1.20
Density:	10.01 lbs/gal

10. Stability and reactivity

10.1 Stability: Stable at normal conditions.

10.2 Polymerization: None under normal processing.

10.3 Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

10.4 Materials to avoid: Strong oxidizing agent. Strong reducing agents

10.5 Conditions to avoid: Heat, flames and sparks. Avoid elevated temperatures.

11. Toxicological information

11.1 Acute toxicity: Information given is based on data on the components and the toxicology of similar products.

11.2 Chronic Toxicity: No data available.

11.3 Carcinogenic Effects: No data available

11.4 Target Organ Effects: No data available.

11.5 Component information, if any, is listed below:

12. Ecological Information

12.1 Aquatic toxicity: No data is available on the product itself. Information given is based on data on the components and the ecotoxicology of similar products.

12.2 Persistence and degradability: Not determined

13. Disposal considerations

13.1 Waste from residues / unused products: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Where possible recycling is preferred to disposal or incineration.

14. Transport Information

14.1 Land transport:

USDOT- not classified as a dangerous good under transport regulations.

14.2 TDG Land Transport

Canada - not classified as a dangerous good under transport regulations

14.3 Sea transport:

IMDG – class 9 environmentally hazardous substance marine pollutant

14.4 Air transport:

IATA/ICAO- not classified as a dangerous good under transport regulations.

15. Regulatory information

15.1 Federal regulations: TSCA: Not subject to TSCA 12(b) Export Notification

15.2 SARA 313: Not subject to the provisions of SARA 313 Title III.

15.3 State Regulations: This product or its ingredients have been evaluated for New Jersey, Pennsylvania, and California Prop 65 supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below:

Canadian WHMIS

WHMIS hazard class: NA

15.3 EPCRA 311/312 (Hazard categories):

Not hazardous

International Inventories

TSCA 8(b)	Listed or exempt.
Canadian DSL/NDSL list	All ingredient(s) are listed on the DSL or NDSL
EC-No.	Listed or exempt.
Philippines (PICCS):	Listed.
Japan (ENCS):	Listed or exempt
Korea (KECI):	Listed
China (IECS):	Listed.
Australia (AICS):	Listed.
New Zealand (NZIoC):	May require notification before sale in New Zealand.

16. Other information

Industrial Use Only

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers, and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: While Dependable LLC believes the information contained herein to be accurate, Dependable LLC makes no representation or warranty, express or implied, regarding, and assumes no liability for, the accuracy or completeness of the information. The buyer assumes all responsibility for handling, using and/or reselling the product in accordance with the applicable federal, state, and local law. The MSDS shall not in any way limit or preclude the operation and effect of any of the provisions of Dependable LLC's terms and conditions of sale.

1. Product and company identification

1.3 Identification of the substance or preparation:

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Cutdown II – Part B

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2. Hazards Identification

Emergency Overview

Warning

May cause respiratory tract, eye and skin irritation. Do not breathe vapors or mist. Contains crystalline silica which causes silicosis and lung cancer.

Color: Light Beige

Physical state: Liquid

Odor: Sweet

HMIS

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NFPA 704

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Potential Health Effects

2.1 Principle routes of exposure: Inhalation, ingestion, skin and eye contact.

2.2 Eye contact: Contact with eyes may cause irritation

2.3 Skin contact: Prolonged skin contact may cause skin irritation.

2.4 Inhalation: Prolonged inhalation of dust or mist may cause respiratory irritation

2.5 Ingestion: May be harmful if ingested. May irritate digestive tract.

2.6 Chronic toxicity: Excessive inhalation of fumes or dust may cause chemical pneumonitis, cyanosis, and pulmonary edema. Respirable crystalline silica has been classified as a Group I (sufficient evidence in humans for carcinogenicity) carcinogenic by IARC and is listed by NTP as a substance which may reasonably be anticipated to be a carcinogen. Long term inhalation causes lung damage (silicosis and cancer).

3. Composition/ Information on Ingredients

Chemical name	CAS Number	Weight %
Styrene-Acrylic resin	Proprietary	20.31
Kaolin	1332-58-7	9.09
Crystalline Silica, Quartz	14808-60-7	5.25

The specific chemical identities are being withheld as a trade secret (29CFR1910.1200)

4. First-aid measures

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4.2 Skin contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

4.3 Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

4.4 Ingestion: Drink plenty of water. Do not induce vomiting. Consult a physician if necessary.

4.5 Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Flash point: >94°C (>201°F) (calculated)

Autoignition: not applicable Literature data.

5.1 Suitable extinguishing media:

Foam, water spray, dry powder, carbon dioxide

5.2 Unsuitable extinguishing media for safety reasons:

None

5.3 Hazards during firefighting:

Carbon oxides.

5.4 Protective equipment for firefighting:

As in any fire, wear self-contained breathing apparatus (pressure-demand, NIOSH approved or equivalent) and full protective gear

5.5 Further Information:

Product itself is non-combustible; fire-extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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6.2 Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system..

6.3 Cleanup:

Wear personal protective equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Clean contaminated surface thoroughly. Dispose of promptly.

For large amounts: Pump off product.

7. Handling and storage

7.1 Handling

Precautions for safe handling:

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Precautions against fire and explosion:

The substance/product is non-combustible. The product does not contribute to the spreading of flames, nor is it self-combustible, not explosive. Take precautionary measures against static discharges.

7.2 Storage

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep product and empty container away from heat and sources of ignition.

8. Exposure controls and personal protection

Minimize exposure in accordance with good hygiene practice.

Components	OHSA PEL	ACGIH
Quartz silica	Listed	0.025 mg/m3 TWA respirable fraction

8.1 Engineering measures: Provide appropriate exhaust ventilation wherever dust, mist, vapors, or fumes can be generated. Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.2 Eye protection: Safety glasses with side-shields.

8.3 Skin and body protection: Lightweight protective clothing. Keep working clothes separately. Remove and wash contaminated clothing before re-use.

8.4 Hand protection: Impervious gloves. Follow the recommendations given by the manufacturer of protective gloves.

8.5 Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. NIOSH-approved respirators should be worn where engineering controls and work practices do not reduce exposure to or below the PEL. Seek professional advice prior to respirator selection and use.

8.6 Hygiene measures: Wash hands before breaks and at the end of workday

9. Physical and chemical properties

Form:	Liquid
Odor:	Sweet
Color:	Light Beige
pH value:	5-9
Boiling point:	100°C (212°F)
Vapor pressure:	None
Specific gravity:	1.02
Density:	8.51 lb/gal

10. Stability and reactivity

10.1 Stability: Stable at normal conditions.

10.2 Polymerization: None under normal processing.

10.3 Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

10.4 Materials to avoid: Strong oxidizing agent. Strong reducing agents

10.5 Conditions to avoid: Heat, flames and sparks. Avoid elevated temperatures.

11. Toxicological information

11.1 Acute toxicity: Information given is based on data on the components and the toxicology of similar products.

11.2 Chronic Toxicity: Contains crystalline silica which causes silicosis and lung cancer.

11.3 Carcinogenic Effects: Respirable crystalline silica has been classified as a Group I (sufficient evidence in humans for carcinogenicity) carcinogenic by IARC and is listed by NTP as a substance which may reasonably be anticipated to be a carcinogen. Crystalline silica is also a known cause of silicosis, a non-cancerous lung disease caused by excessive exposure to crystalline silica.

11.4 Target Organ Effects: Silica: Respiratory system.

11.5 Component information, if any, is listed below:

Quartz silica

LD50s and LC50s: Oral LD50 (Rat) = 500 mg/kg

OSHA – Select Carcinogens: Present

NTP: Known Human Carcinogen

IARC· Group 1: Listed

12. Ecological Information

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12.2 Persistence and degradability: Not determined

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15.3 State Regulations: This product or its ingredients have been evaluated for New Jersey, Pennsylvania, and California Prop 65 supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below:

Components	NJRTK:
Quartz Silica	Listed (NJRTK)

Components	State Regulation - CA Prop65
Quartz Silica	Carcinogen

Canadian WHMIS

WHMIS hazard class: D2A Very toxic materials

15.3 EPCRA 311/312 (Hazard categories):

Not hazardous

International Inventories

TSCA 8(b)	Listed or exempt.
Canadian DSL/NDSL list	All ingredient(s) are listed on the DSL or NDSL
EC·No.	Listed or exempt.
Philippines (PICCS):	Listed.
Japan (ENCS):	Listed or exempt
Korea (KECI):	Listed
China (IECS):	Listed.
Australia (AICS):	Listed.
New Zealand (NZIoC):	Listed.

16. Other information

Industrial Use Only

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers, and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: While Dependable LLC believes the information contained herein to be accurate, Dependable LLC makes no representation or warranty, express or implied, regarding, and assumes no liability for, the accuracy or completeness of the information. The buyer assumes all responsibility for handling, using and/or reselling the product in accordance with the applicable federal, state, and local law. The MSDS shall not in any way limit or preclude the operation and effect of any of the provisions of Dependable LLC's terms and conditions of sale.