

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	ROCKBLOCK™ 3	
Product Use:	Lost Circulation Material	
Supplier	Impact Fluid Solutions 2800 Post Oak Blvd Suite 2000 Houston, Texas 77056 USA	Impact Fluid Solutions (UK) Ella Court Truro Business Park Threemilestone Cornwall, UK TR4 9NH
Telephone:	713-964-7736	44 (0) 1872 261613
TELEPHONE: EMERGENCY USE ONLY	1-800-535-5053	1-352-323-3500
E-mail	info@impact-fluids.com	

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture	Combustible Dust
Symbol	None
Signal word(s)	Warning
Hazard statement(s)	May form combustible dust concentrations in air.
Precautionary statement(s)	P261: Avoid breathing dust. P281: Use personal protective equipment as required. P308+P313: IF exposed or concerned: Get medical advice/attention. P314: Get medical advice/attention if you feel unwell.
Other hazards	Not classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a proprietary blend.

CHEMICALS	CAS No.	%W/W
Contains no hazardous ingredients	Mixture	100

Additional information: Product is a mixture. Exact composition of ROCKBLOCK 3 is a trade secret.

Occupational exposure limits - See Section: 8

4. FIRST AID MEASURES

Inhalation	Get medical advice/attention if you feel unwell.
Skin Contact	Wash skin with soap and water. If irritation develops and persists, get medical attention.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. If irritation develops and persists, get medical attention.

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Ingestion

Not anticipated route of exposure. Get immediate medical advice/attention.

Most important symptoms and effects, both acute and delayed

5. FIRE-FIGHTING MEASURES

Flammable/Explosive Properties

May form explosible dust clouds in air

Extinguishing media

As appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known

Fire Fighting Protective Equipment

Fire Fighting Protective Equipment Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ensure adequate ventilation. Avoid dust generation. Avoid breathing dust. Wear suitable protective clothing. See Section: 8

Environmental precautions

None known

Methods for cleaning up

Sweep up spilled substance but avoid breathing dust. Transfer to a container for disposal or recovery.

Other

Other Disposal should be in accordance with local, state or national legislation.

7. HANDLING AND STORAGE

Handling

Avoid dust generation. Avoid breathing dust. Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapor etc) below recommended exposure limits. An approved dust mask should be worn if dust is generated during handling.

Storage

Avoid build up of dust. Keep containers in a clean, cool and dry area away from heat sources. Keep containers properly sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT(S)	CAS No.	OSHA PEL	ACGIH TLV
Nuisance Dust	Mixture	15 mg/m ³	10 mg/m ³

Engineering Controls

Use only with sufficient ventilation.

Eye Protection

Wear protective eyewear (goggles, face shield, or safety glasses).

Gloves

Protective gloves.

Respirators

An approved dust mask should be worn if dust is generated during handling.

Other

Wear protective equipment to comply with good occupational hygiene practice.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder
Color	Pale brown
Odor	Slight
Odor threshold (ppm) available	No information available
pH (Value)	Not applicable
Melting point (°C)/Freezing point (°C) i	No information available
Initial boiling point (°C)	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid,gas)	Not determined
Vapor pressure (Pascal)	Not applicable
Vapor density	Not applicable
Specific Gravity (relative density)	1.4-1.5
Solubility (Water)	Partially soluble
Partition coefficient	No information available
Auto ignition point (°C) available	No information available
Decomposition temperature (°C)	No information available
Viscosity (mPa. s)	No information available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Possibility of hazardous reactions	None known
Conditions to Avoid	Avoid generation of dust
Incompatible materials:	None known
Hazardous Decomposition Product(s)	None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Inhalation	Dust may cause irritation.
Skin Contact	May cause irritation.
Eye Contact	Dust may have irritant effect on eyes.
Ingestion	Unlikely route of exposure.

Delayed and chronic effects -

Carcinogenicity	IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.
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12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecotoxic effects are known for this product.
Persistence and Degradation	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATION

Waste treatment methods	The waste is considered to be non hazardous.
Recommended: .	Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

US FEDERAL TRANSPORT REGULATIONS

D.O.T. Classification	Not classified as dangerous for transport.
Proper Shipping Name	Not classified as dangerous for transport.

TGD - CANADIAN TRANSPORT REGULATIONS

Proper Shipping Name	Not classified as dangerous for transport.
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INTERNATIONAL TRANSPORT REGULATIONS

Proper Shipping Name	Not classified as dangerous for transport.
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SEA

IMDG Class	Not classified as dangerous for transport.
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AIR

Not classified as dangerous for transport.

15. REGULATORY INFORMATION

US Federal Regulations

SARA 302 - Extremely Hazardous Substances None

SARA 311/312 - Hazard Categories None

SARA 313 - Toxic Chemicals None

International Inventories

TSCA (Toxic Substance Control Act) All components listed or polymer exempt.

Canada DSL All components listed or polymer exempt.

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16. OTHER INFORMATION

NFPA	NFPA Rating	HMIS (Hazardous Material Information System)	
Health	1	Health	1
Fire	1	Flammability	1
Instability	0	Reactivity	0
		Personal Protection	E

The following sections contain revisions or new statements:

New October 11, 2016
01 January 22, 2018

GLOSSARY

CERCLA	(Comprehensive Environmental Response Compensation and Liability Act)
COD	Chemical Oxygen Demand (COD)
LC50	Lethal Concentration
NFPA	NFPA (National Fire Protection Association)
NOS	Not Otherwise Specified
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative and Toxic
R	Respirable Dust
SARA TITLE III	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value (ACGIH)
TWA	Time Weighted Average
vPvB	Very persistent and very bioaccumulative

Disclaimers:

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