

Rockflow

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Regulation (EC) No. 453/2010

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

- 1.1 Product Identifier**
Material name: Rockflow
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Product use: Floor repair
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer / Supplier: IMG Ltd.,
Unit M
Riverside Industrial Estate
Fazeley
Tamworth
B78 3RW

Telephone: 01827 283322
Fax: 01827 250143
Email (for SDS): sales@img-limited.co.uk
- 1.4 Emergency tel. no:** 01827 283322 (Available from 8.30 – 17.00 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Physical and Chemical hazards	Not classified
Human Health	Skin Irr.2; H315; Eye Irr.2; H319
Environment	Not classified

2.2 Label elements

Label according to EC Directives: 1272/2008/EC:

Signal word: Warning



Pictogram(s):

Hazard Statements: H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statements: P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
P313 Get medical advice / attention.
P264 Wash contaminated skin thoroughly after handling.

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P302+P352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see medical advice on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing.

Supplemental label information:

EUH203	Contains chromium (VI). May produce an allergic reaction.
EUH208	Contains Portland cement. May produce an allergic reaction.

Other hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components:

Chemical Name	CAS.No/ EC No./ Reg.No	Classification (1272/2008/EC)	Content
Quartz #1	CAS: 14808-60-7 EC: 238-878-4	Not classified	10% -30%
Quartz #2	CAS: 14808-60-7 EC: 238-878-4	Not classified	10% -30%
Slag	CAS: 65996-69-2 REACH: 2119487456- 25-0000	Skin Irr. 2 – H315 Eye Irr.2 – H319	10% -30%
High Alumina Cement	CAS: 65997-16-2 EC: 266-045-5	Not classified	10% -30%
Vinyl Acetate Copolymer	EC: 925-954-3	Not classified	1%-5%
Portland Cement	CAS: 65997-15-1	Skin Irr.2 – H315 Eye Dam.1 – H318 Skin Sens.1 – H317 STOT SE 3 –H335	<1%
Surfactant	-	Not classified	<1%
Aluminium Sulphate	CAS: 10043-01-3 EC: 233-135-0	Skin Irr.2 – H315 Eye Irr.2 – H319 STOT SE 3 – H335	<1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Inhalation: Remove to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Skin contact: Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.

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4.2 Most important symptoms and effects, both acute and delayed: The severity of the symptoms described will vary dependent on the concentration and length of exposure.

4.3 Indication of any immediate medical attention and special treatment needed: No specific recommendations.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powders, water.

Unsuitable extinguishing media: Not applicable.

5.2 Special hazards arising from the substance or mixture

Decomposition products may include: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for SDS for personal protection details.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminated lakes, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local waste disposal authority.

6.4 Reference to other sections

See section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No specific recommendations.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated area.

7.3 Specific end use(s)

Not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

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Chemical Name	8hr TWA	15min STEL	Reference
Quartz #1	0.1mg/m ³	No data available	Supplier
Quartz #2	0.3mg/m ³	No data available	Supplier
High Alumina Cement	5mg/m ³	No data available	Supplier
Vinyl Acetate Copolymer	4mg/m ³	No data available	Supplier
Portland Cement	10mg/m ³	No data available	Supplier
Surfactant	2ppm, 2.5mg/m ³ total dust	No data available	Supplier
Defoamer	10mg/m ³	No data available	Supplier
Aluminium Sulphate	2mg/m ³	No data available	Supplier

8.2 Exposure controls

Engineering measures: Not relevant.

Personal Protective Equipment

Hand protection: Chemical resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Eye protection: Chemical splash goggles.

Skin protection: Protective clothing.

Respiratory protection: No specific recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour:	Dusty powder.
Odour:	No data available.
Odour threshold:	No data available.
Flammability:	No data available.
Flash point:	No data available.
Lower explosion limit:	No data available.
Upper explosion limit:	No data available.
Explosive properties:	No data available.
Thermal decomposition:	No data available.
Auto-ignition temperature:	No data available.
Oxidising properties:	No data available.
Solubility in water:	No data available.
Solubility in other solvents:	No data available.
pH:	No data available.
Melting point / range:	No data available.
Boiling point / range:	No data available.
Relative Density:	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.

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Partition coefficient: n-octanol / water: No data available.
Viscosity (kinematic): No data available.
Evaporation rate: No data available.

9.2 Other information No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under recommended transport and storage conditions.
10.2 Chemical stability Stable under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid There are no conditions that are likely to result in a hazardous situation.
10.5 Incompatible materials No specific material or group of materials are likely to react with the product to produce a hazardous situation.
10.6 Hazardous decomposition products Does not decompose when used and stored as recommended.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No data available.

Symptoms / routes of exposure

Skin corrosion / irritation: If splashed onto skin may cause irritation and redness.
Serious eye damage / irritation: If splashed in eyes may cause irritation and redness.
Respiratory or skin sensitisation: No data available.
Repeated dose toxicity: No data available.
Carcinogenicity: No data available.
Mutagenicity: No data available.
Toxicity for reproduction: No data available.
Specific target organ toxicity (STOT): No data available.
Further information: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability No data available.
12.3 Bioaccumulative potential No data available.
12.4 Mobility in soil The product is non-volatile.
12.5 Results of PBT and vPvB assessment This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with local/national regulations. Do not allow to enter drains or watercourses. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

14. TRANSPORT INFORMATION

This product does not require classification for transport.

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15. REGULATORY INFORMATION

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

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

Chemical safety assessments / reports are not required for mixtures.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals) as amended and Regulation EU 453/2010.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

Physical hazards: On basis of test data / Expert judgement
Health hazards: Calculation method
Environmental hazards: Calculation method

Full text of H-statements referred to under sections 2 and 3

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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Abbreviations and acronyms

CAS: Chemical Abstract Service (division of the American Chemical Society) – Section 3.
STOT Single Target Organ Toxicity – Section 11.
TWA Time Weighted Average – Section 8.
WEL Workplace Exposure Limit – Section 8.
STOT: Single Target Organ Toxicity – Section 11.
VPvB: very Persistent and very Bioaccumulative – Section 12

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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