

Voluntary product information for blasting abrasives based on the format of the safety data sheet of the REACH Regulation (EC) No. 1907/2006

1. Identification of the product and the company/undertaking

1.1 Product identifier
Plastic abrasives

1.2 Relevant identified uses of the substance or mixture and uses advised against
No information available

Use of the product
Blasting abrasive for the industrial use

1.3 Details of the supplier of the voluntary product information

Manufacturer / supplier
Blast Wash UK
24 Baron Avenue
Earls Barton NN60JE

Competent person
Nick Wordingham

Phone / E-Mail
+44 01604811505 / info@Blast-wash.co.uk

1.4 Emergency telephone number
Phone +44 07725819653

2. Hazards identification

2.1 Classification of the substance or mixture
Not applicable

2.2 Label elements
Does not require labelling under the CLP Regulation (EC) No. 1272/2008. But please take note of this product information. No risk of silicosis during application.

Safety instructions
Possible dust exposure due to fine dust particles.

2.3 Other hazards
Not known

3. Composition/information on ingredients

3.2 Mixture

Chemical characterisation	EINECS	CAS Nr.	(1) REACH Registration No. (2) CLP Notification No.	Ingredients (Mean value)	Classification according to CLP-Regulation (EC) No. 1272/2008	
					Hazard classes / hazard categories	Hazard statements
Duroplast Urea Amino Polymer	n/a	9011-05-6	Polymer are exempted from registration and valuation by REACH.	66 - 70 %	-/-	
Cellulose	232-674-9	9004-34-6		30 - 33 %	-/-	-/-
Plastics from urea, phenolic, polyester or melamine resins, polymethyl methacrylate						

Substances listed on the so-called 'Candidate List of Substances of Very High Concern (SVHC) for authorisation' of the European Chemicals Agency (ECHA) are not intentional ingredients of this product. It is therefore not to be expected that those substances are present in quantities of $\geq 0.1\%$ in the product.

Hazardous substances
No dangerous ingredients

Substances with prescribed EC exposure limits
Does not contain substances with EC exposure limits.



Product name:
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Print date: 04/03/2025
Revised on: 04/03/2025

4. First aid measures

Please also take note of sections 8 and 16 of this product information.

4.1 Description of first aid measures

General information

Consult a doctor in case of health disorders.

After inhalation

Provide the affected person with fresh air. Consult a doctor in case of irritation of the respiratory tract.

After eye contact

Remove contact lenses and rinse the eyes with open eyelids for 10 minutes under running water.

If necessary, consult an ophthalmologist.

After skin contact

Wash with water and rinse.

After swallowing

Rinse mouth and drink plenty of water. Do not induce vomiting. If you feel unwell, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Not known

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Atomised water spray, Alcohol-resistant foam, ABC extinguishers, dry extinguishing agent and carbon dioxide. Match extinguishing measures to ambient situation.

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the product

Not known

5.3 Advice for fire fighters

Match the firefighting measures to the environmental conditions.

Additional information

Not known

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation

6.2 Environmental precautions

Not known

6.3 Methods and materials for containment and cleaning up

Pick up mechanically and dispose of properly.

6.4 Reference to other sections

Refer to protective measures in sections 7 and 8.

Additional information

Not known

7. Handling and storage

7.1 Precautions for safe handling

For safety reasons, it is recommended to use a protective sieve during filling.

Information on safe handling

Avoid dust formation

Information on fire and explosion protection

Do not treat or store product near open flames, heat or ignition sources.

Additional information

Not known



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Revised on: 04/03/2025

7.2 Conditions for safe storage, including any incompatibilities

Information on storage conditions

Always store product in dry conditions.

Requirements for storage rooms and containers

No special requirements needed.

Storage class VCI

No storage class known

7.3 Specific end use(s)

Blasting abrasive for the industrial use

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values in the workplace and/or biological limit values in Germany

Dust limits	CAS	MAK value mg/m ³		Spzbg
		inhalable fractionl (E) ¹ mg/m ³	respirable fraction (A) ¹ mg/m ³	
General dust limit	-	4	0,3	-

¹ If no value is given, the general dust limit value with exceedance factor 2 applies.

Community exposure limits

Country specific. Please inquire in individual cases.

8.2 Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over the use of personal protective equipment. Provide adequate ventilation. This can be achieved by local suction or general air extraction.

Plastic abrasives are not a hazardous substance, thus only the general dust limit value applies.

Suitable assessment methods to verify the effectiveness of the protective measures taken include metrological and non-metrological determination methods as described in the Technical Rules for Hazardous Substances (TRGS) 402 and BS EN 14042.

Personal protective equipment

The use of personal protective equipment is dependent on the concentrations and quantity of hazardous substances in their execution in specific workplaces.

Respiratory protection

Normally, no personal respiratory protective equipment is necessary. In case of insufficient ventilation or exceeded workplace limits, a protective breathing mask should be worn (FFP filtering half mask depending on the existing concentration).

Hand protection

Glove material: Leather

Eye protection

Tight-sealing protective eyewear (dust-protection goggles) like NIOSH (US) or EN 166 (EC).

Body protection

With normal use, no body protection by half or full-body coverall and boots is required.

Information on industrial hygiene

Minimum standards for protective measures when handling working materials are listed in TRGS 500.

Do not eat, drink, smoke or take drugs while using this product.

Avoid contact with skin, eyes and clothing.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and at end of work.

Protect skin by using skin creams.

Environmental protection measures

See sections 6 and 7; no further action is required.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	solid
Colour	multicolour
Odour	odourless to slightly fruity
Melting point / freezing point	150 - 180 °C / not usefully applicable
Boiling point or initial boiling point and boiling range	not usefully applicable
Flammability	not determined as product is not flammable
Lower and upper explosion limit	not known. The product itself is not explosive; however, formation of explosive air/dust mixtures is possible.
Flash point	not determined
Auto-ignition temperature	< 500 °C
Decomposition temperature	> 245 °C
pH	not usefully applicable
Kinematic viscosity	not usefully applicable
Solubility	insoluble in water
Partition coefficient n-octanol/water (log value)	not usefully applicable
Vapour pressure	not relevant
Density and/or relative density	< 1 g/cm (at 20 °C)
Relative vapour density	not relevant
Particle characteristics	not relevant

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

Plastic abrasives are non-reactive and do not change with proper handling and storage.

10.2 Chemical stability

Plastic abrasives are chemically stable and do not change with proper handling and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

No decomposition if used according to specifications.

10.5 Incompatible materials

No hazardous reactions known.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Does not require labelling under the CLP Regulation (EC) No. 1272/2008.

No data on the product available. The indications given in section 8 of this product information must be observed.

Acute toxicity

No data on the product available

Skin corrosion/irritation

No data on the product available

Serious eye damage/irritation

No data on the product available

Respiratory or skin sensitisation

No data on the product available

Germ cell mutagenicity

No data on the product available

Carcinogenicity

No known carcinogenicity of Plastic abrasives.

Reproductive toxicity

No data on the product available

STOT-single exposure

No data on the product available

STOT-repeated exposure

No data on the product available

Aspiration hazard

No data on the product available

11.2 Information on other hazards

The product is inactive and biodegradable only with difficulty.

12. Ecological information**12.1 Toxicity**

No known effects

Ecotoxicity

For Plastic abrasives no environmental problems are to be expected when handled and used properly.

Fish toxicity

Harmful effects for aquatic organisms are not expected.

Aquatic invertebrates

Harmful effects for aquatic organisms are not expected.

Water plants

Harmful effects for aquatic organisms are not expected.

12.2 Persistence and degradability

Plastic abrasives are biodegradable only with difficulty.

12.3 Bioaccumulative potential

No data available. Accumulation in organic material is rather unlikely.

12.4 Mobility in soil

Potential not known

12.5 Results of PBT and vPvB assessment

Not relevant. The substances in this product do not meet the criteria for classification as PBT or vPvB.

12.6 Endocrine disrupting properties

The product does not contain substances in quantities of 0.1 % or more that have endocrine disrupting properties according to REACH Article 57 (f).

12.7 Other adverse effects

Not known

13. Disposal considerations**13.1 Waste treatment methods****Product**

Plastic abrasives. If recycling is not possible, waste must be disposed of in compliance with national and local regulations. Confirm the exact waste code with the disposer.

Waste Code according to European Waste Catalogue (EWC)

12 01 17 waste blasting material other than those mentioned in 12 01 16

Recommendation

Contact Blast Wash UK for the recycling of used Plastic abrasives.

13.2 Packaging

National and local regulations must be followed.

Contaminated packaging

Packaging with Plastic abrasives residues can be recycled.

Cleaned packaging

Packaging can be reused after being cleaned or recycled.

14. Transport information

- 14.1 UN number or ID number**
No dangerous goods
- 14.2 UN proper shipping name**
ADR / RID
No dangerous goods
IMDG-Code / ICAO-TI / IATA-DGR
No dangerous goods
- 14.3 Transport hazard class(es)**
ADR / RID / IMDG-Code / GGVSee / ICAO-TI / IATA-DGR
No dangerous goods
- 14.4 Packing group**
No dangerous goods
- 14.5 Environmental hazards**
Label environmentally hazardous substances
ADR / RID / IMDG-Code: no
ICAO-TI / IATA-DGR: no
- 14.6 Special precautions for user**
see Section 6 to 8
- 14.7 Maritime transport in bulk according to IMO instruments**
Not applicable

15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the product**
EU regulations
Plastic abrasives are not subject to the Regulation 722/2012/EU (ADI-Free).
National regulations
Water hazard class
Not hazardous to water; classification according to AwSV.
Technical instruction on air quality (TA-Luft)
Substances not mentioned by name.
Hazardous Incident Ordinance (12. BImSchV [German Federal Immission Control Regulation])
Substances not mentioned by name.
Solvents Ordinance (31. BImSchV [German Federal Immission Control Regulation])
Substances not mentioned by name.
Chemicals Prohibition Ordinance
Substances not mentioned by name.
Relevant Technical Rules for Hazardous Substances
Contains no hazardous substances.
Employment Restrictions
Not known
Miscellaneous
Not known
International regulations
Not known
- 15.2 Chemical safety assessment**
Not determined

16. Other information

- Further applicable EC directives**
Not known
- Restrictions on use recommended by the manufacturer**
For industrial application only



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Other information

The product information in this documentation is correct to the best of our knowledge at the time of printing. The information is intended to provide you with advice on the safe handling of the product mentioned in this product information for storage, processing, transport and disposal. The information cannot be applied to other products. If the product mentioned in this documentation is in any way tampered with i.e. mixed with other materials, processed or undergoes processing, the information as supplied in this document no longer applies to the new product unless stated otherwise.

Changes since the last version

2025-03-04 Incorrect information in the PBT and VPvB assessment (12.5)

Literature and data sources

Regulations

REACH Regulation (EC) No. 1907/2006
CLP Regulation (EC) No. 1272/2008
Hazardous Substances Ordinance (GefStoffV)
Commission Decision 2000/532/EC (AVV)
Transport Regulations according to ADR, RID and IATA
TRGS 900
VOC Regulation (ChemVOCFarbV)

**Hazard statements, referred to in section 2 and 3
according to Regulation (EC) No. 1272/2008:**
None

The above information is based on the present state of knowledge; however, this shall not constitute a guarantee of product properties and establishes no contractual legal rights. Existing laws and regulations must be strictly followed by the recipient or user of the blasting medium on their own responsibility.

Legend

ADR	European agreement concerning the international carriage of dangerous goods by road
AVV/EWC	European Waste Catalogue
AwSV	Administrative Regulation on Substances Hazardous to Water
BImSchV	Regulation on the Implementation of the (German) Federal Immission Control Ordinance
CAS	Chemical Abstracts Service
DGUV	German statutory accident insurance
EC	European Community
EN	European Standard
GGVSee	Dangerous Goods Ordinance Sea
IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization-Technical Instructions
IMDG-Code	International Maritime Code for Dangerous Goods
IMO	International Maritime Organization
MAK	Maximum workplace concentration
PBT	persistent, bioaccumulative, toxic
RID	Regulations concerning the International Carriage of Dangerous Goods
Spzbg	Peak Limitation Category (Exceedance Factor)
TRGS	Technical Rules for Hazardous Substances
UN	United Nations
US	United States
VOC	Volatile Organic Compounds (VOCs)
VPvB	very persistent and very bioaccumulative