



Technical Data Sheet
Product: 01025
Version: 4.0 Date: 01/10/2018

Product Technical Specification

Product: BLOWING AGENT 01025
Product Type: Masterbatch
Form: Regular granules, non-dusting

Properties: ⁽¹⁾

Light Fastness (Blue Wool Scale): N/A
Weathering (Grey Scale): N/A
Heat Stability: 150°C
Ash Content:⁽²⁾ <10%

Carrier: UNIVERSAL

Control Polymer: PE, PP and others
Addition Rate: ⁽³⁾ 1%

Certification of conformity is included on the delivery note.

This material is appropriate for use in applications meeting the following criteria:

Packaging: EU Directive 94/62/EC & Amendments
Food Contact: EU Regulation No. 10/2011 & Amendments
Toys: Safety of Toys EN 71-3:2013 + A1:2014 - Part 3
Other:

- (1) The performance values indicated above describe theoretical evaluations based on the available technical data on the constituent parts.
(2) Calculated Ash Content +/- 5%
(3) The addition rate quoted is for Quality Control purposes only, actual dosage may vary depending on the requirements of the application.

Note: Technical information corresponds to the best of our knowledge at the time of writing and is intended as a general description of our product. No warranty is expressed or implied regarding the accuracy of the information, the results to be obtained from the use of the product or that use will not infringe any patent. Any user of the product is responsible for determining its suitability for the intended process and application and compliance with any relevant regulations.

ISO 9001 Register Company (Certificate Number: 10301 (NQA))

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Colour reference: BLOWING AGENT 01025

Supplier: Colour Tone Masterbatch Ltd.
Unit D, Pantglas Farm Industrial Estate
Bedwas, Caerphilly. United Kingdom
CF83 8YE

Tel: 02920 888910 Fax: 02920 868487
Email: info@colourtone-masterbatch.co.uk

Intended use: Colouring of plastics.

SECTION 2: Hazards identification

None.

SECTION 3. Composition/information on ingredients

Chemical Nature: A dispersion of colourants and additives in the defined carrier.

Carrier: UNIVERSAL

SECTION 4: First aid measures

Ingestion: Do not induce vomiting, seek medical advice.

Inhalation: None

Skin Contact: Avoid abrasion. After handling wash thoroughly with soap and water.

Eye Contact: Avoid abrasion. Remove any pellets and irrigate eye with water.
Seek medical advice.

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SECTION 5: Firefighting measures

Suitable extinguishing media: CO₂, dry powder, foam, water spray.

SECTION 6: Accidental release measures

Personal Precautions: Pellets should be swept or vacuumed up and disposed of in accordance with local regulations.

Environmental Precautions: As above.

Method of clearing up: Sweep or vacuum into containers for disposal

SECTION 7: Handling and storage

Handling: Normal industrial practice should apply. The product requires no special handling.

Storage: Store in clean dry conditions away from direct sunlight and direct heat source.

SECTION 8: Exposure controls/personal protection

Technical protective measures: Local exhaust ventilation of process equipment may be necessary.

Exposure Control limits: N/A

Respiratory Protection: Approved respirator may be necessary if local exhaust ventilation is not adequate.

Eye Protection: Wear safety glasses. Face shield recommended for working with molten materials.

Skin Protection: Wear suitable gloves. Protect skin against contact with molten material.

Hygiene measures: Wash hands before breaks and at the end of working day.

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SECTION 9: Physical and chemical properties

Colour:	Offwhite
Format:	Free flowing regular granules
Odour:	None
Melting Point:	Greater than 100°C
Water Solubility:	None
Decomposition Temp:	Greater than 240°C
Explosion Hazard:	None

SECTION 10: Stability and reactivity

Conditions to avoid

Thermal Stability:	Temperatures over 150°C
Shock Sensitivity:	Not explosive when subjected to mechanical impact.
Thermal Sensitivity:	Product is not explosive when subjected to heat.
Friction Sensitivity:	Product is not explosive when subjected to friction.
Materials to avoid:	Strong acids or alkalis
Hazardous decomposition products:	Toxic gases including carbon monoxide, aldehydes and ketones. Other toxic gases and vapours are also possible.
Other information:	No decomposition if used and stored as specified.

SECTION 11: Toxicological information

Acute toxicity:	No data available.
Local effects:	No data available.

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SECTION 12: Ecological information

Insoluble in water, not expected to present any significant ecological problems

SECTION 13: Disposal considerations

Products: Can be recycled. Must be dumped or incinerated in accordance with local regulations.

Packaging: Empty packaging may contain product residue and therefore is subject to the above.

SECTION 14: Transport information

This product is not subject to any transport regulations.

SECTION 15: Regulatory information

This product is not considered dangerous under EU directives and does not need to be labelled.

SECTION 16: Other information

This product should be stored, handled and used in accordance with good manufacturing and industrial hygiene practices and in conformance with any relevant regulations.

The information and recommendations in this safety data sheet are correct to the best of our knowledge, information and belief, at the date of publication. The information is given as guidance for the safe handling, use, storage, transportation and disposal of this product and is not considered to be a warranty, express or implied, nor a guarantee of specific properties. The performance values indicated above describe theoretical evaluations based on the available technical data on the constituent parts and have not been verified. In all cases it is the responsibility of users to determine the applicability of such information or the suitability of any products for their own particular purpose.