

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: Polymer Beads

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s): Various

Uses Advised Against: Not known

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
Telephone Number: 01234 846400
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Regulation (EC) No. 1272/2008 (CLP)

Not classified as dangerous for supply/use.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP):

Hazard pictograms: None

Signal word: None

Hazard statements: None

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

Precautionary statements: None

2.3 Other hazards: Combustible dust. May form combustible dust concentrations in the air.

2.4 Additional Information: None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Hazardous Ingredient(s)	CAS No.	EC No. / REACH Registration No	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Poly Allyl DiGlycol Carbonate	25656-90-0		>99.5%	Not classified	N/A
Anti-Static agent	002764-13-8		<0.5%	Not classified	N/A

3.1 Mixtures: Not applicable

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:

By inhalation: Dust may cause irritation. Provide fresh air. Call physician if irritation persists.

By skin contact: Wash skin with water. Remove contaminated, saturated clothing immediately. In all cases of doubt, or when symptoms persist, seek medical advice.

By eye contact: Flush eyes with water for at least 15 minutes. Do not scrub. Abrasion may cause irritation. If discomfort continues, continue to wash with water. Call physician if irritation persists.

By ingestion/aspiration: Wash out mouth with water and induce vomiting. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Potential respiratory tract irritation. Exposure to eyes from solids or dust may cause irritation or scratch the surface of the eye. Potential of slight irritation to skin. May be harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed:

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: As appropriate for surrounding fire.

Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture: Dust can form explosive mixture with air. Sealed (closed) containers can build up pressure if exposed to heat (fire). Avoid generating dust. Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

SECTION 5: FIRE-FIGHTING MEASURES (continue)

5.3 Advice for firefighters:	As appropriate for surrounding fire. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA)
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:	Wear safety glasses with the side shields, gloves, and dust mask.
6.2 Environmental precautions:	Do not release large quantities into the surface water or into drains.
6.3 Methods and material for containment and cleaning up:	Sweep spilled substances into containers if appropriate moisten first to prevent dusting. Spilled material can be a slipping hazard. Non-sparking tools should be used.
6.4 Reference to other sections:	See also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:	Avoid contact with eyes and skin. Use in a well-ventilated area. Avoid generation and breathing of dust. Minimize dust generation and accumulation.
7.2 Conditions for safe storage, including any Incompatibilities:	Store in closed, properly labelled containers in a cool, ventilated area. Keep away from heat, open flames, and oxidizing agents. Do not transfer to unmarked containers.
7.3 Specific end use(s)	Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:****8.1.1 Occupational Exposure:**

Not known

8.2 Exposure controls:**8.2.1. Appropriate engineering controls**

Ensure adequate ventilation.

8.2.2. Personal protection equipment

Pictogram	Remarks
 Eye Protection	Wear eye protection with side protection (EN166). Avoid contact with eyes, Dust protection goggles.
 Skin Protection	Wear suitable gloves: PVC, Natural rubber. Recommendation: Wear protective suit.
 Respiratory Protection	If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. [EN 14387].
 Thermal hazards	None known.

8.2.3. Environmental exposure controls:

Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

For complete information see the product datasheet.

Appearance:	Granular clear solid
Colour:	Clear
Odour:	Odourless
Odour threshold:	Not known
pH:	5.19
Melting point/freezing point:	Not known

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continue)

Flash Point:	Not applicable
Evaporation rate:	Not known
Flammability (solid, gas):	Not flammable
Upper/lower flammability or explosive limits:	Not known
Vapour pressure:	Not known
Vapour density:	Not known
Density (g/cm ³):	Not known
Relative density:	1.31
Solubility(ies):	Solubility (Water): Insoluble Solubility (Other): Not known
Partition coefficient: n-octanol/water:	Not known
Auto-ignition temperature:	Not known
Decomposition Temperature (°C):	Not known
Viscosity:	Not known
Explosive properties:	Not known
Oxidising properties:	Not known
9.2 Other information	Not known

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	None anticipated.
10.2 Chemical stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid:	None anticipated.
10.5 Incompatible materials:	Oxidizing agents
10.6 Hazardous decomposition products:	Smoke, Propane, Carbon Dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Inhalation: Inhalation of high concentrations of this inert nuisance particulate can result in mild irritation of the respiratory tract.
 Eye: May cause irritation or scratch the surface of the eye through mechanical abrasion.
 Skin: May cause slight irritation.
 Ingestion: May be harmful if swallowed.
 Symptoms related to the physical, chemical, and toxicological characteristics:
 Eye: Exposure to eyes from solids or dusts may cause irritation or scratch the surface of the eye.
 Skin: Potential of slight irritation to skin.
 Ingestion: May be harmful if swallowed.
 Inhalation: Potential respiratory tract irritation if inhaled.
 Delayed and immediate effects as well as chronic effects from short- and long-term exposure: Irritation of eyes, skin.
 Numerical measures of toxicity: Not determined.
 Carcinogenicity: NTP, IARC, or OSHA does not consider this product carcinogenic.

11.2 Other information Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates:	Low toxicity to invertebrates.
Toxicity - Fish:	Low toxicity to fish.
Toxicity - Algae:	Low toxicity to algae.
Toxicity - Sediment Compartment:	Not classified.
Toxicity - Terrestrial Compartment:	Not classified.

12.2 Persistence and Degradation Not known

12.3 Bioaccumulative potential Not known

12.4 Mobility in soil Not known

12.5 Results of PBT and vPvB assessment Not known

12.6 Other adverse effects Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:	No special precautions are required for this product.
13.2 Additional Information:	No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION

NOT CLASSED AS DANGEROUS FOR TRANSPORT.

SECTION 15: REGULATORY INFORMATION

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification: Not classified

CERCLA Hazardous Substance (40 CFR 302.4) Not listed

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

TSCA

This substance is on the Chemical Substances Inventory of the Toxic Substance Control Act (TSCA Inventory [USA]). Please note that this product is not subject to any legal reporting requirements under these acts.

International Regulations:

Australia: Present on AICS.

Canada: Present on Non-Domestic Substances List (NDSL).

China: Not present.

Europe: Not present on EINECS.

Japan: Present on ENCS. 6-1159

Korea: Present on ECL. KE-10464

New Zealand: Not present.

Philippines: Not present on PICCS.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

Hazard Pictogram: None**Precautionary Statement(s):** None

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

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