

MATERIAL SAFETY DATA SHEET

Polybutadiene, hydroxyl terminated

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

1.1. Product identifier

Product name:	Polybutadiene, hydroxyl terminated
CAS-No. :	69102-90-5
EC / List No. :	614-925-3

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

Identified uses :	Laboratory chemicals, manufacture of substances
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1.3. Details of the supplier of the safety data sheet

Company name:	East Harbour Group Ltd Miranda House, The Quay Harwich, Essex, CO12 3HH United Kingdom
Tel:	+44(0)333 242 0100
Email:	info@eastharbourgroup.com

1.4. Emergency telephone number

Emergency tel:	+44(0)333 242 0100
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Section 2: Hazardous identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC

2.2. Label elements

None

2.3 Other hazards

None

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Section 3: Composition/information on ingredients

3.2. Mixtures

Chemical name: Polybutadiene, hydroxyl terminated

Common name / synonyms: Polybutadiene, hydroxyl terminated

Section 4: First aid measures

4.1. Description of first aid measures

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

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

No data available

Section 5: Fire-fighting measures

5.1. Fire Fighting Media and Instructions:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: No data available

5.2. Special hazards arising from the substance or mixture

Carbon oxides

5.3. Advice for firefighters

Special protective equipment: Wear self-contained breathing apparatus for fire-fighting if necessary.

Special precautions: No data available

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures: Avoid breathing vapours, mist or gas

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6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

Keep in suitable, closed containers for disposal.

Section 7: Handling and storage

7.1. Precautions for safe handling

Normal measures for preventive fire protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are open must be carefully resealed and kept upright to prevent leakage.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General industrial hygiene practice.

8.3 Personal protective equipment

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection: impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	No data available
Physical State	Liquid
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting Point/Range	No data available
Boiling Point/Range	No data available
Flash Point	>113.00 C – closed cup
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Explosion Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity / Density	No data available
Bulk Density	No data available
Water Solubility	No data available
Solubility in other solvents	No data available
Partition Coefficient	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available

Section 10: Stability and reactivity

10.1. Reactivity	No data available
10.2. Chemical stability	Stable under recommended storage conditions
10.3. Possibility of hazardous reactions	
Hazardous Reactions	No data available
10.4. Conditions to avoid	No data available
10.5. Incompatible materials	Strong oxidizing agents, acids
10.6. Hazardous decomposition products	Other decomposition products – no data available

Section 11: Toxicological information

Product Information

11.1 Toxicological effects:

Acute Toxicity:

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity: No data available

Specific target organ toxicity – single exposure: No data available

Specific target organ toxicity – repeated exposure: No data available

Aspiration hazard: No data available

Additional information: RTECS: No data available

11.2. Delayed and immediate effects and also chronic effects from short- and long-term exposure:

No data available

11.3. Numerical measures of toxicity (such as acute toxicity estimates):

No data available

11.4. Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Not listed

Section 12: Ecological information

12.1 Toxicity

Ecotoxicity effects

Toxicity: No data available

Persistence and degradability: No data available

Bioaccumulative Potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Section 13: Disposal considerations

13.1 Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company

Contaminated packaging: Dispose of as unused product

Section14: Transport Information

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section15: Regulatory Information

This safety datasheet complies with the requirements of Regulations (EC) No. 1907/2008

Safety, health and environmental regulations/legislation specific for the substance or mixture: No data available

Chemical Safety Assessment: Not carried out