

SAFETY DATA SHEET



plysolene

QUALITY - FLEXIBLE - FAST

MATERIAL SAFETY DATA SHEET FOR PLYSOLENE-PIB

SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product / material: Unvulcanised mixed rubber compound.
Product description: Proprietary mixture of polymers and allied chemicals.
Trade name: **PLYSOLENE-PIB CHALK and PLYSOLENE-PIB INTERLEAVED.**
Chemical name & synonyms: Polyisobutylene.
Chemical family: Homo polymer butyl rubbers.
Manufacturer: Plysolene Limited
Address: 21 Star Industrial Estate, Partridge Green, W.Sussex, RH13 8 RA, England
Emergency telephone number: + 44 (0) 1403 713555 Fax: + 44 (0) 1403 713666

SECTION 2: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

Non hazardous to health in normal use.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substances classified under REACH: Does not contain Substances of Very High Concern (SVHC). All ingredients REACH registered.

SECTION 4: FIRST AID MEASURES

Skin contact: Wash hands after use.
Eye contact: Treat as foreign body, irrigate with clean water.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA.

Flash point (°C): N/A.
Flammable limits (% by volume): N/A.
Auto ignition temperature: Approximately 850°C
Suitable extinguishing media: Dry powder, carbon dioxide, foam.
Extinguishing media that must not be used: N/A.
Decomposition / combustion products: Combustion products will include toxic gases such as carbon monoxide and hydrocarbons.
Special fire-fighting procedures: Wear breathing apparatus in confined space.
Special protective fire-fighting equipment: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS.

Personal precautions: None in "as received" condition.
Environmental precautions: None.
Cleaning up method: Restack on pallet or in bin.

SECTION 7: HANDLING AND STORAGE.

Precautions for safe handling: Avoid contact with naked flame or other sources of ignition.
Conditions for safe storage: Store under cool, dry conditions, protect from extremes of temperature. Ensure identification is visible at all times. Protect from direct sunlight.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION.

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| Hand protection: | Gloves. |
| Eye protection: | Where contact is likely wear safety glasses. |
| Skin protection: | Gloves. |
| Industrial hygiene: | Avoid smoking and the consumption of food and drink in the workplace. Good personal hygiene should be encouraged. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

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| Appearance: Odour: | Solid at room temperature. |
| pH: Oxidising properties: Water solubility (% by weight): | None. |
| Conductivity: | N/A. |
| Evaporation rate: | N/A. |

SECTION 10: STABILITY AND REACTIVITY.

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| Stability / conditions to avoid: | Stable. Keep away from excessive heat, do not expose to naked flame. Avoid strong oxidising agents. |
| Incompatibility / materials to avoid: | N/A. |
| Hazardous decomposition products: | Depending on type, may burn with emission of dense black smoke, producing toxic and possibly flammable gases. |
| Hazardous polymerisation: | None. |

SECTION 11: TOXICOLOGICAL INFORMATION.

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| Hazardous ingredients: | Not significant. |
| Immediate health effects: | None. |
| Delayed health effects: | None. |
| Acute effects (short term): | Skin Contact; No hazard in normal industrial use, exposure to hot material will cause thermal burns. Eye Contact; Particulate may scratch eye surfaces/cause mechanical irritation. Ingestion; No hazard in normal industrial use. |
| Chronic effects (long term): | N/A. |

SECTION 12: ECOLOGICAL INFORMATION.

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| Persistence and degradability: | Compound not biodegradable. |
| Bio accumulative potential: | Not determined. |
| Aquatic toxicity: | Antitack can be poisonous to aquatic life. Do not discharge to drains or watercourses. Compound considered non-toxic. |
| Marine pollutant (IMDG guide): | N/A. |

SECTION 13: DISPOSAL CONSIDERATIONS.

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| Disposal of waste materials: | At approved tips as Landfill or incinerate. |
| Disposal of waste containers: | N/A. |
| Disposal restrictions: | In accordance with local authority regulations. |
| Statutory notification required: | None. |

SECTION 14: TRANSPORT / LABEL INFORMATION.

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| Designation: | Polymer compound. |
| UN number: | None. |
| UN packaging group: | N/A. |
| IMDG classification: | N/A. |
| Special precautions re carriage: | Not dangerous cargo. Keep separate from food. |
| Symbol: | None. |

SECTION 15: REGULATORY INFORMATION.

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| EEC number: | N/A. |
| Full address: | Plysolene Limited, 21 Star Industrial Estate, Partridge Green, West Sussex, RH13 8RA, England |
| Full telephone number: | + 44 (0) 1403 713555 |
| Relevant EEC regulations: | N/A. |
| Relevant UK regulations: | N/A. |

SECTION 16: ANY OTHER HEALTH AND SAFETY INFORMATION.

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| Training: | All operatives using this material must receive proper training with regard to the health and safety aspects relating to it. |
| Recommended uses and restrictions: | Use only in conjunction with appropriate industrial practice. |
| Sources of information used to compile MSDS: | Various, further information available by special request. |

SECTION 17: HISTORY.

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| Issue number: | 5. |
| Date: | 08 July 2024 |
| Prepared by: | Shawn Lainchbury |
| Changes: | Rebrand |

NOTE: The information contained in this Material Safety Data Sheet does not constitute the user's own assessment of workplace risk as required by other Health and Safety legislation. The data given here is based on current knowledge and experience and may be updated as new information becomes available. The purpose of this Material Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to its properties. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use.