



Sheet reference: 02031 HS

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**Product: POLYBUTYL CUPRYSIL® (PBC®)**  
**HEALTH & SAFETY DATA SHEET**

1.	IDENTIFICATION OF THE SUBSTANCE / PREPARATION	Trade Name:	“PBC” PolyButylCuprystil
2.	COMPOSITION/INFORMATION ON INGREDIENTS:	Product Formal Name: Product Chemical Family: Information of composition:	Anti-Seize Compound. Mineral Oil based. A blend of mineral oils, polymers and additives, including solid lubricant particles including lead.
3.	HAZARDS IDENTIFICATION:	Main Hazards: Health Effects - Eyes: Health Effects - Skin: Health Effects - Ingestion:	Will contaminate water sources. Irritation can occur. Irritation can occur. Produces gastro-intestinal disturbances.
4.	FIRST AID MEASURES:	First Aid - Eyes: First Aid - Skin: First Aid – Ingestion: First Aid – Inhalation:	Wash with copious amounts of water and consult a medical practitioner. Wash with copious amounts of warm water and soap. Call medical practitioner immediately. Subject to be brought into the fresh air. Consult a medical
5.	FIRE FIGHTING MEASURES:	Extinguishing Media: Unsuitable Media: Protective Equipment for Fire-Fighting:	Foam, dry powder, carbon dioxide. Water. Use independent breathing apparatus.
6.	ACCIDENTAL RELEASE MEASURES:	Personal Precautions: Environmental: Spillages:	Remove all soiled clothing. No product soaked cleaning rags to be carried in pockets. Do not allow to penetrate into the soil or allow to enter the sewers, surface or underground waters. Soak up with absorbent material and remove to authorised disposal site as the product contains lead.
7.	HANDLING AND STORAGE:	Handling: Storage:	No special instructions. Keep away from sources of flame and heat. No smoking. No contact with acids or chemical bases. Storage temperatures: min -5°C, max +40°C.
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION:	Respiratory Protection: Hand Protection: Eye Protection: Body Protection:	No special requirements, but ensure adequate ventilation at elevated temperatures. Oil-resistant gloves (PVC) Protective eye-shields Skin protection using a barrier cream. Soiled and soaked clothing must not be worn. No product-soaked cleaning rags to be carried in pockets.
9.	PHYSICAL AND CHEMICAL PROPERTIES:	Physical State Colour: Odour: Flash Point (PMCC) (deg C): Auto Ignition Temperature °C Density (kg/m <sup>3</sup> ): Flammability:	Paste Yellowish red Slight (Mineral Oil) Over 220°C 370°C 950 to 1100 Not applicable.

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10.	STABILITY AND REACTIVITY:	Materials to Avoid: Hazardous Products:	Strong oxidising agents. CO, CO <sub>2</sub> , lead and copper oxides.
11.	TOXICOLOGICAL INFORMATION:	Acute Toxicity:  Irritancy - Skin: Skin Sensitisation Chronic Toxicity/ Carcinogenicity: Genotoxicity: Reproductive/Developmental	This material contains lead which if ingested could accumulate in the body. Non-irritant on short term contact. May cause irritation with prolonged contact. Not known, no data. Not known, no data. Not known, no data.
12.	ECOLOGICAL INFORMATION:	Persistence/Degradability:	Biodegradable in the very long term.
13.	DISPOSAL:	Product Disposal:  Container Disposal:	Must be taken to a waste-burning plant whilst observing special waste regulation and following preliminary treatment according to the Disposal of Poisonous Waste Act 1972-21. Via authorised disposal authority and per the above act.
14.	TRANSPORT INFORMATION:	Not dangerous goods.	
15.	REGULATORY INFORMATION:	Supply Information: Pictogram: Labelling information: R phrases: S phrases:	Harmful, Xn. Black St. Andrew's Cross.  R33 Hazard of cumulative effects S 36 Suitable protective clothing to be worn. S 37 Suitable protective gloves to be worn
16.	OTHER INFORMATION:	SDS first issued: SDS data revised UK Legislation (as amended):  UK Further Detailed Guidance (current editions):	15.12.94 18.09.06 Health & Safety at Work etc Act 1974, and relevant Statutory Provisions. Management of Health and Safety at Work Regulations, 1992. Control of Substances Hazardous to Health (COSHH) Regulations, 1988. Chemicals (Hazard Information and Packaging) Regulations; 1993. Highly Flammable Liquid and Liquefied Petroleum Gases Regulations, 1972. HS(G)65, Successful Health and Safety Management, HSE. Approved Code of Practice - Management of Health and Safety at Work, HSE. General Approved Code of Practice to COSHH Regulations, HSE. HS(G) 97, A Step by Step Guide to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually. EH42, Monitoring Strategies for Toxic Substances, HSE. EH26, Occupational Skin Diseases: Health and Safety Precautions, HSE. HSE(G) 37, An Introduction to Local Exhaust Ventilation, HSE. HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.

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