

MATERIAL SAFETY DATA SHEET

LAST REV. DATE : 26/05/08

SHEET 1 of 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

PRODUCT NAME: LITHOSHIELD EP RANGE INCLUDING 000/EP, 00/EP, 0/EP(T), EP1, EP2(T), EPC, EP3, LT1/EP, LT2/EP, LT3/EP
PRODUCT CODE: LS7
COMPANY NAME: Albion Mills
Sterling Works
Texas Street
Tingley (A650), Leeds
LS27 0HG
e-mail : sales@beal.org.uk

2. HAZARDS IDENTIFICATION

MAIN HAZARDS: Not classified as hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS: Zinc Dialkyldithiophosphate 1.5 % CAS No 68649-42-3



Xi, N: R36, R51/5

4. FIRST AID MEASURES

EYE CONTACT: Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists
SKIN CONTACT: Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.
INGESTION: Do not induce vomiting. Obtain medical attention

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.
EXPOSURE HAZARDS: This product may give rise to hazardous fumes in a fire.
PROTECTION FOR FIRE- FIGHTERS: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Refer to section 8 for personal protection details.
SPILLAGES: Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

HANDLING: Avoid direct contact with the substance.
STORAGE: Store in cool well ventilated area

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



HAND PROTECTION: PVC gloves
EYE PROTECTION: Wear approved safety goggles
BODY PROTECTION: Normal work wear
RESPIRATORY PROTECTION: Not normally required

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SHEET 2 of 2

LITHOSHIELD EP RANGE INCLUDING 000/EP, 00/EP, 0/EP(T), EP1,

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EP2(T), EPC, EP3, LT1/EP, LT2/EP, LT3/EP

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Smooth Semi-Fluid to Stiff Grease
COLOUR: Brown
ODOUR: Odourless.
MELTING POINT (°C): Melts above 200
FLASH POINT (PMCC) (°C): Exceed 200.
SOLUBILITY IN WATER (KG/M3): Insoluble.
DENSITY (KG/M3): 0.85-0.89 (Measured as kg/litre) KK
AUTO-FLAMMABILITY (°C): Above 200.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Heat.
MATERIALS TO AVOID: Strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will generate: smoke, carbon dioxide and carbon monoxide

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY Low order of acute toxicity.

12. ECOLOGICAL INFORMATION

MOBILITY: Non volatile. The product is poorly absorbed onto soils or sediments.
PERSISTENCE & DEGRADABILITY: Only slightly biodegradable.
BIO-ACCUMULATION: Product is not expected to bio-accumulate.

13. DISPOSAL RECOMMENDATIONS

PRODUCT DISPOSAL: Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

UN CLASS: Not classified.
ADR/RID – CLASS: Not classified.
IMDG – CLASS: Not classified.
IATA – CLASS: Not classified.

15. REGULATORY INFORMATION

HAZARD SYMBOLS: No significant hazard.
R PHRASES: NONE.
S PHRASES: NONE.

16. OTHER INFORMATION

PRODUCT USE: For industrial use only. Lubricant.

EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to Dangerous Preparations Directive – 2001/58/EC. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.