

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: TIEPLUG

Use / description of product: Fast setting, polymer modified repair cement.

Company name: Adomast Building Chemicals Ltd

Unit G

Lea Road Trading Estate

Waltham Abbey

Essex

EN9 1AE

Tel: 01992 710684

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PORTLAND CEMENT 10-30%

[Xi] R36/37/38; [Xi] R41

- CALCIUM SULPHOALUMINATE CEMENT 1-10%

[Xi] R41

3. HAZARDS IDENTIFICATION

Main hazards: Risk of serious damage to eyes. Irritating to eyes, respiratory system and skin.

Other hazards: Contains silica sand, the dust from which, if inhaled over a prolonged period can give rise to fibrosis of the lungs (silicosis).

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: In contact with water or body fluids, alkalis are released which can cause irritation of the skin. Continuous or repeated exposure over a period of time may cause burns or an allergic reaction.

Eye contact: Risk of serious damage to eyes.

Ingestion: Small amounts are unlikely to cause any significant reaction. Larger doses may result in irritation or blockage of the gastro-intestinal tract. Unlikely to result in poisoning due to the large volume of material which must be ingested.

Inhalation: Dust nuisance. Prolonged exposure to dust may cause irritation to the respiratory system. Inhalation of free silica in the respirable range can give rise to fibrosis of the lungs (commonly referred to as silicosis).

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove contaminated clothing. After contact with skin, wash immediately with plenty of clean water. Seek medical attention if irritation persists.

Eye contact: SPEED IS ESSENTIAL. Make sure to remove contact lenses from the eyes before rinsing - Immediately wash eye thoroughly with plenty of clean water for at least 15 minutes, ensuring eyelids are held open. Remove any large particles with cotton wool bud. Eye wash stations should be available in areas where exposure is possible.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give plenty of water to drink. Get medical attention.

Inhalation: Remove patient from exposure, keep warm and at rest. If dry powder has been inhaled, the nose and throat should be thoroughly irrigated with water for at least 20 minutes. Inhalation of free silica over a prolonged period can give rise to fibrosis of the lungs (silicosis).

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Product does not support combustion.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide. The powder releases alkalis on contact with water and chemically hardens.

Protection of fire-fighters: The nature of special protective equipment required will depend upon the size of fire, the degree of confinement of the fire and the natural ventilation available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing, gloves and eye/face protection.

Environmental precautions: Do not discharge into drains or rivers. If material enters drains or sewers, dilute as much as possible with water. In case of contamination of streams, river or lakes, contact the Environment Agency.

Clean-up procedures: Carefully sweep or vacuum up the product and transfer to marked containers to await disposal. Wash away any residue with plenty of clean water.

7. HANDLING AND STORAGE

Handling requirements: Wear suitable protective clothing, gloves and eye/face protection. Eye wash stations should be available in areas where accidental exposure is possible. The normal precautions relating to handling chemicals must be observed.

Storage conditions: Store in dry frost free conditions, in original containers. Protect from high temperatures (40C+) for prolonged periods. Keep out of reach of children.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respirable dust

WEL (8 hr exposure limit): 4mg/m³

Engineering measures: Normal conditions of ventilation are usually adequate.

Respiratory protection: Wear a fine particle mask or use local exhaust ventilation as necessary when mixing in confined areas with inadequate ventilation or whenever there is any risk of the exposure limits being exceeded. This applies not only for the user, but to all people who cannot be vacated from the work area.

Hand protection: Use heavy duty gloves. Barrier creams may help to protect exposed areas but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye protection: Eye protection designed to protect against liquid splashes, conforming to B.S. 2092 Chemical grade, should be worn when handling dry powder or when there is risk of mixed material entering the eye. Eye protection is essential when handling alkaline material.

Skin protection: Wear suitable overalls. Remove grossly contaminated clothing and wash skin with plenty of clean water. Practice good personal hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES**State:** Powder**Colour:** Grey**Solubility in water:** Insoluble**pH:** 12.5**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Releases alkalis on contact with water and chemically hardens.**Materials to avoid:** Strong acids. Will attack aluminium, lead and brass.**Haz. decomp. products:** May contain oxides of carbon.**11. TOXICOLOGICAL INFORMATION****Routes of exposure:** Inhalation. Skin and/or eye contact. Ingestion.**12. ECOLOGICAL INFORMATION****Mobility:** Product should not be disposed of into rivers or other water courses without pre-treatment.
LC50 aquatic toxicity not determined .The addition of cementitious materials to water will, however, cause the pH to rise and therefore be toxic to aquatic life in sme circumstances.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** The product is not classified as hazardous waste and is suitable for controlled waste site disposal. Do not allow int water courses or dispose of where ground or surface waters may be affected.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****ADR Class:** Not classified**IMDG / IMO****Class:** Not classified**IATA / ICAO****Class:** Not classified**15. REGULATORY INFORMATION****Hazard symbols:** Irritant.**Risk phrases:** R41: Risk of serious damage to eyes.

R36/37/38: Irritating to eyes, respiratory system and skin.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical

advice.

S22: Do not breathe dust.

S28: After contact with skin, wash immediately with plenty of soap & water

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

Precautionary phrases: Contains chromium (VI). May produce an allergic reaction.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R36/37/38: Irritating to eyes, respiratory system and skin.

R41: Risk of serious damage to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.