



## Material Safety Data Sheet

Code: P6I04-00  
Creation Date: Jan 10,2012  
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**Parsitar 4224A**  
**HI-Performance MIO Coal Tar Epoxy  
Polyamide**

### 1. Identification of substance:

Product name: Parsitar 4224A  
Product usage: Internal coating of fire fighting & process water tanks and external surfaces of buried tanks and pipes.

### 2. Company :

Name: Parsifam Co.  
Address: Km 6, Noor Battery Road, Shahriar City- Iran  
Postal Code: 33561-85774  
Tel: +98 21 6576 4960-8  
Fax: +98 21 6576 4969

### 3. Composition :

Contains: Epoxy resin, Coal tar Pitch, Amide Polymer, Xylene, MIOX

### 4. Hazards Identification :

Flammable: Avoid naked flames and hot surfaces. NO SMOKING.  
Potential Chronic Health Effect: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. Repeated or prolonged exposure to the substance can produce target organs damage.  
Harmful: Possible risk of irreversible effects in contact with skin.

### 5. First Aid Measures :

Inhalation: Do not breathe fume or vapor. Remove patient to fresh air; seek medical attention.  
Eye Contact: Wash splashes from skin or eyes immediately. Wash eyes with copious amounts of water; if irritation persists seek medical attention.  
Skin Contact: Wash splashes from skin or eyes immediately. Remove any contaminated clothing. If symptoms persist seek medical attention.  
Ingestion: Do not induce vomiting; give patient plenty of water to drink and seek medical attention.

### 6. Fire Fighting Measures :

Fire Extinguishing Media: Use foam, dry powder, carbon dioxide. Do not use water jets.  
Special Fire Fighting Procedures: Water can be used to cool containers. Take precautions against static discharges.  
Protective Equipment: Wear self-contained breathing apparatus, as combustion will release harmful gases. Wear protective clothing to avoid contact with skin.



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### 7. Accidental Release Measures :

Personal Precautions: Avoid contact with skin or eyes; wear protective clothing and ensure adequate ventilation

Environmental Precautions : Do not contaminate watercourses or ground. Check hollows for vapor build up.

Methods for cleaning up: Cover with sawdust or proprietary absorbent. Sweep up and then wash area with detergent and water.

### 8. Handling & Storage :

Safe Handling Advice No smoking. Ensure good ventilation. Keep away from all sources of ignition. Keep away from food, drink and animal feeding stuffs.

Storage: Store in a cool, dry place in sealed containers, away from all sources of heat and ignition.

### 9. Exposure Controls / Personal Protection :

Respiratory Protection: Ensure good ventilation or wear suitable solvent respirator.

Eye Protection: Safety goggles.

Hand Protection : Wear (PVC/Rubber) gloves.

Skin Protection : Wear suitable protective clothing to avoid contact with skin.

### 10. Physical & Chemical Properties :

Physical State: Base: Liquid, Hardener: yellow liquid with ammoniac odour.

Color: Black or Brown

Odor : Tar like.

Flash Point : Min. 35°C

Flammability : Flammable

V.O.C :  $\approx 329$  g/lit

Oxidizing Properties: Avoid contact with strong oxidizing agents



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Specific Gravity  
(at 20°C) : 1.4 ± 0.05 (g/cc)

Shelf Life  
(at 20°C) : 12 months

### **11. Transport Information :**

Dispose of according to all state and local applicable regulations.

### **12. Regularity Information :**

R10 : FLAMMABLE

R40/41 : HARMFUL; Possible risk if irreversible effects in contact with skin.

S13 : Keep away from food, drink and animal feeding stuffs.

S16 : Keep away from sources of ignition; NO SMOKING

S33 : Take precautionary measures against static discharges.

S36 : Wear suitable protective clothing.

R45 : May cause cancer.

S51 : Use only in well ventilated areas.

### **13. Disposal Consideration :**

Kind : Hazardous waste

Disposal : Do not dispose to drains and domestic trash bins. It can be disposed, when there is no possibility wash out and/or flow to water resources.