



Material Safety Data Sheet

Code: P6I04-00
Creation Date: 10,Jan.12
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Parsizone 4749C1 **Solvent Free Epoxy For Concrete Piles**

1. Identification of substance:

Product name: Parsizone 4749C1
Product usage: Two component modified epoxy coating designed to serve long term protection of concretes which are used in sea water including the tidal zone or very close to it.

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, Tio₂, fillers.

4. Hazards Identification :

Flammable: Avoid naked flames and hot surfaces. NO SMOKING.
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: Viscose Paint, Hardener: Yellow Liquid with Ammoniac Odor.

Color: Gray / Cream

Odor : Light odor

Flash Point : 110°C

Flammability : Flammable

V.O.C : -----

Oxidizing Properties: Avoid contact with strong oxidizing agents



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Specific Gravity
(at 20°C) : 1.55 ± 0.05 (g/cc)

Shelf Life
(at 20°C) : 6 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.

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.