



MATERIAL SAFETY DATA SHEET

Slide Gate Refractories

1. PRODUCT & COMPANY IDENTIFICATION

COMPANY IDENTIFICATION

Zircar Refractories Limited
402, Campus Corner
Navrangpura
Ahmedabad-380009, India

PRODUCT IDENTIFICATION

Brand : Platinum
Chemical Name and Synonyms: MgO-C+Al₂O₃-C+ZrO₂-C
Chemical Family: Ceramic (Inorganic Material)
Trade Name: Slide Gate Refractories.
Formula: MgO-C+Al₂O₃-C+ZrO₂-C

2. COMPOSITIONAL INFORMATION

As per SPC, attached herewith.

3. HAZARDS IDENTIFICATION

Fire and Explosion Hazard Data

Flash Point: N/A Flammable Limits: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures:

Fire fighters should wear self-contained breathing apparatus and protective clothing.

Use water spray to cool down containers and structure exposed to the fire.

Unusual Fire and Explosion Hazards: N/A

Reactivity Data

Stability: Stable

Incompatibility: None Known

Hazardous Decomposition Products: No applicable information found.

Hazardous Polymerisation: Will not occur

Health Hazard Information

Primary Routes of Entry:

Inhalation? NO Skin? NO Ingestion? NO

Carcinogenicity Assessment: None of the hazardous ingredients are listed as human carcinogens.

4. FIRST AID MEASURES

Eyes: If any dust fall then immediately flush eyes with plenty of water.

Consult a physician if irritation persists.

Skin: Wash all exposed skin areas with soap and water.

5. FIRE FIGHTING MEASURES

Products are non-flammable in nature.

6. ACCIDENT RELEASE MEASURES

Covered under 4 above.

7. HANDLING, STORAGE & USE PROCEDURES

Normal Storage and Handling: Avoid conditions which would generate airborne dust.

Measures to be taken during use to prevent water /moisture absorption in the products.

It should remove from the pack just before use.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection: Approved air purifying particulate respirator is recommended when working in dusty conditions.

Ventilation: Local and mechanical exhaust recommended.

Protective Gloves: To avoid repeated contact with skin, protective gloves are recommended.

Eye Protection: Approved safety goggles should be worn if dusty conditions exist.

Other Protective Equipment: N/A

9. PHYSICAL & CHEMICAL PROPERTIES

As per SPC attached herewith.

10. STABILITY & REACTIVITY

Covered under 3 above.

11. TOXICOLOGICAL INFORMATION

Non-toxic as such. Precautions under 8 should be followed, in case of grinding/cutting. Dust generated may affect skin, eye, & lunge. Recommended to use dust protective mask.

12. ECOLOGICAL INFORMATION

To best of our knowledge, there is no deteriorating effect on ecology, as such.

13. DISPOSAL CONSIDERATION

It is a bio-degradable, non-hazardous material, can be used for land fill purpose.

14. TRANSPORT INFORMATION

Existing methods of transport for refractories hollow products may be followed, avoiding jerk on the wooden crate. Use forklift or hoist or overhead crane for handling of crate.

15. REGULATORY INFORMATION None

16. DISPOSAL OF PACKAGING MATERIAL

Plastic/polythene packaging materials are to be stored in an isolated place, so that it can be recycled. Since these are non-bio degradable materials, they are not to be disposed in landfills.

17. OTHER INFORMATION

None.

**Issued &
Approved by**

HOD (T)/HOS (T)

Date: 12.05.2019