

MATERIAL SAFETY DATA SHEET

Reviewed & Approved
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GM – R&D

1. PRODUCT IDENTIFICATION

Product Name: hahne TA600X

Product Description: hahne TA600X is a perfect blend of cement, natural sand, polymers and specially selected natural cellulose, forming a multi-purpose, heavy-duty tile adhesive. This uniquely designed adhesive has a prolonged open time. It provides a flexible, cementitious adhesive with high slip resistance and long open time, available in grey and white. It is used for fixing ceramic, vitrified tiles, glass mosaic, porcelain, terrazzo, natural stone and engineered stone.

Manufacturers Details: Sievert 20 Microns Building Material Pvt Ltd.,
56, Siddhi Industrial Infra Park,
Waghodia 391760, Dist.- Vadodara, Gujarat.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percentage	Others (Specify)
OPC Cement	65997-15-1	40-50%	NA
Fine Aggregates	014808 – 60 – 72	40-60%	NA
Additives Blend	NA	3-6%	NA

3. HAZARDS IDENTIFICATION

Portland cement, is classified as a hazardous substance due to its potential to cause skin and eye irritation, respiratory issues and in some cases, allergic reactions. Silica sand can be dangerous when inhaled as dust, potentially causing silicosis, lung cancer and other respiratory illnesses.

4. FIRST-AID MEASURES

Remove Contamination

Take off any clothing and PPE that has been exposed to cement. If clothing is soaked with wet cement, remove it carefully to avoid spreading the cement to other areas.

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Get medical attention immediately. Immediately rinse mouth and drink plenty of water (200-300 ml).

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

Consider Vinegar or Acidic Solution

To neutralize the alkaline adhesive, you can add vinegar or a mild acidic solution (like a buffering solution) to the water.

Seek Medical Attention

After rinsing, seek medical attention, especially if the burn is severe, involves a large area of skin or affects sensitive areas like the face, hands, feet or groin.

5. FIRE-FIGHTING MEASURES

The product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear personal protective equipment.

Avoid formation of dust and ensure adequate ventilation.

Environmental Precautions

Do not discharge material into drains, water courses or onto the open ground.

Contain and collect spilled material. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Handle in well-ventilated areas. Avoid contact with eyes, skin and clothing.

Storage: Store in a cool, dry place away from incompatible materials. Keep sacs air tightly sealed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Implement engineering controls such as dust collection systems, ventilation and enclosed mixing systems to minimize dust exposure.

Training and Education

Provide adequate training to workers on the hazards associated with cement and the proper procedures for safe handling.

Personal Protective Equipment (PPE)

Workers should wear appropriate PPE, including dust masks, gloves and eye protection, when handling material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour: Grey or White odourless powder

Dry Density @25°C: 1.3 -1.8 gm/cc

Vapour density (air =1): N/A

Melting point or range °C: N/A

Boiling point or range °C: N/A

Solubility in water: Insoluble

10. STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions to avoid: Wet damp conditions which may lead to premature setting.

Materials to avoid: Strong Alkalies and acids.

Hazardous decomposition products: None under normal use.

11. TOXICOLOGICAL INFORMATION

Due to the alkaline nature of this product, it may cause irritation to skin and respiratory system. This product is a strong irritant for eyes and may cause serious damage if untreated.

12. ECOLOGICAL INFORMATION

Once in contact with water, this product will elevate the pH which may reach levels toxic to aquatic life. Prevent spillage into water cause ways.

13. DISPOSAL CONSIDERATIONS

This product should be disposed of in suitable landfill sites in accordance with local government regulations/local municipal authority.

14. TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods. No transport warning sign required.

Road Transport Notes: Not Classified.

Sea Transport Notes: Not Classified.

Air Transport Notes: Not Classified.

Rail Transport Notes: Not Classified.

15. REGULATORY INFORMATION

Follow all applicable regulations and guidelines.

16. OTHER INFORMATION

The details provided in this Safety Data Sheet are correct to the best of our knowledge and information at the date of this publication. The information given is designed only as a guide for the safe handling, use, storage, transportation, disposal and release of this product and is not considered to be a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used with any other materials or in any process unless specified in the text.