

Inteplast Group, Ltd.

Material Safety Data Sheet

MANUFACTURER

MSDS No: WP-AquaPerm

World-Pak Division, Inteplast Group, Ltd.
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Preparation Date: 06/06/2007
Supersedes Date: N/A

Emergency: 800-424-9300 (CHEMTREC)

1. PRODUCT IDENTIFICATION

Product Name: AquaPerm Pavers, AquaPerm Tiles, All Grades
CAS No: Not Applicable
Synonyms: AquaPerm Paver, AquaPerm Tile, Aqua Permeable Tile
Formula: Proprietary
Technical Information: (973)994-8027

2. PRODUCT INGREDIENTS

<u>No.</u>	<u>Components</u>	<u>CAS No.</u>	<u>Percent (%)</u>
1	Crystalline Silica	148008-60-7	0.1 - 100%
2	Glass	65997-17-3	0.1-100%
3	Proprietary	Mixtures	0 - 50%

3. PHYSICAL/CHEMICAL PROPERTIES

Physical Form: Solid
Color: Finished boards with colors specified
Odor: Insignificant
Boiling Point: Not applicable
Melting Point: Not applicable
Freezing Point: Not applicable
Solubility in Water: None
Specific Gravity: 1.6-2.0 (water = 1)
Vapor Density: Not applicable (air = 1)
Evaporation Rate: None (Butyl Acetate = 1)
Vapor Pressure: Not applicable
% Volatile: None
pH: Not applicable

The physical data presented above are typical values and should not be construed as a specification.

4. FIRE HAZARD DATA AND FIGHTING METHOD

Flash Point: Not applicable
Autoignition: Not applicable
Flammable Limits
In Air (LEL, %) Not applicable
(UEL, %) Not applicable
Extinguishing Media: Not applicable
Special Fire Fighting Procedure: Not applicable

Unusual Fire and Explosion Hazards: Not applicable

5. HUMAN HEALTH DATA

Emergency Overview: No unusual conditions are expected from this product.

Primary Route(s) of Exposure: Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure

Negligible hazard at room temperature under normal use.

Eye Contact: Dust may cause transient irritation as a result of mechanical abrasion.

Skin Contact: Dust may cause itching and short-termed irritation.

Inhalation: Exposure to dust at high concentration may cause irritation to respiratory tract.

Ingestion: May cause choking if swallowed.

Medical Conditions

Aggravated by

Overexposure: Sawing or grinding may result in release of dust particles, which may cause minor eye or nose irritation. Exposure to excessive amounts of dust for prolonged periods of time could result in lung damage (Silicosis).

6. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation or other symptoms occur, consult a physician.

Skin Contact: Flush with large amount of water. If irritation persist, get medical attention.

Inhalation: Remove to fresh air. Consult physician if irritation of respiratory passage occurs.

Ingestion: Consult physician.

Notes to Physician: No known delayed effects following single exposure.

Other Instructions: None

7. EXPOSURE CONTROLS, PERSONAL PROTECTION RECOMMENDATIONS

Eye Protection: Safety glasses

Respiratory Protection: None required in normal use of product. NIOSH approved dust mask recommended if dust conditions exist.

Engineering Control: Ventilation Requirements – General
General ventilation should be sufficient. If handling results in dust generation, special ventilation may be needed to ensure that dust exposure does not exceed the OSHA PEL for nuisance dust.

Required Work/Hygiene

Procedure: Do not eat, drink or smoke in work area. Wash hands thoroughly after handling, especially before eating drinking, smoking, chewing or using restroom facility. Dusted clothing and shoes should be thoroughly cleaned before use.

8. ACCIDENTAL RELEASE CONTROL MEASURES

Response to Spills: Sweep up and discard.

9. HANDLING AND STORAGE

Handling: Wear safety glasses during cutting and fabricating processes.

Storage: None.

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None

Hazardous

Decomposition: None

Hazardous

Polymerization: Will not occur

11. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of all waste at a disposal facility as permitted by local regulations.
Recycle/Reclaim: Recycling and reclamation of AquaPerm should be encouraged where possible.

12. TRANSPORT INFORMATION

DOT Shipping Name: Not listed
DOT Label: Not regulated
DOT Hazard Class: Not applicable
UN/NA Number: Not applicable
Hazard Label(s): Not applicable
Hazard Placard(s): Not applicable
Packing Group: Not applicable
Bulk Packaging: Not applicable
RQ: Not applicable
Emergency Response Guide (ERG) No.: Not applicable

13. TOXICOLOGICAL INFORMATION

General Product Information:

CRYSTALLINE SILICA: The International Agency for Research on Cancer (IARC) recently reviewed existing epidemiological data and concluded that crystalline silica inhaled in the form of quartz from occupational sources is known human carcinogen (Group 1). In making the assessment, the IARC noted that carcinogenicity was not detected in all industrial circumstances studied. However, IARC reported that a majority of studies indicated an elevated mortality for lung cancer among silica-exposed workers. IARC noted that increased rates of lung cancer were reported among some workers in ore-mines, quarries, foundries, ceramics, granite and stone cutting industries. The workers in some of these occupational studies were exposed to other potential respiratory carcinogens such as arsenic, radon, diesel exhaust, polycyclic aromatic hydrocarbons or cadmium. The IARC reviewed animal studies and concluded that there is sufficient evidence in experimental animals for the carcinogenicity of quartz. Silica-crystalline quartz has resulted in liver, blood, and lung tumors in rats by inhalation, intraperitoneal and intravenous injection, intratracheal and intrapleural administration.

14. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this product on the environment.

15. OTHER INFORMATION

NFPA

Fire - 0
Health - 1
Reactivity - 0

HMIS

Health - 1
Flammability - 0
Reactivity - 0

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