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AQUA SEAL

DESCRIPTION:

A removable, water-based acrylic seal for concrete, quarry tile, ceramic tile, synthetic marble, and finished wood floors.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

Chemical Composition:	acrylic polymers, co-polymers, resins and coalescing agents
Physical Form:	
- color	Milky-white
- odor	Polymeric
- viscosity	Water-thin
- lbs./gallon	8.5
- specific gravity	1.020
Biodegradable:	Yes
Flash Point:	None
Foaming Tendency:	Low
pH of Concentrate:	8.5 ± 0.3
Total Active:	20.5 ± 0.5 % solids
Dry Time:	30 ± 10 minutes
Coverage:	1,000 - 1,500 sq. ft. per gallon

METHOD OF APPLICATION:

Can be applied by mops or applicators of any type.

SPECIAL APPROVALS:

Meets ASTM D 2047

KEEP OUT OF THE REACH OF CHILDREN

Read complete caution statement.

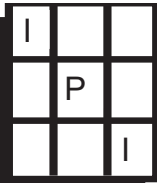
KEEP FROM FREEZING

AQUA SEAL is a commercial product, not intended for home use.

For best product efficiency keep stock rotated.

Shelf life is 1 year.

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.



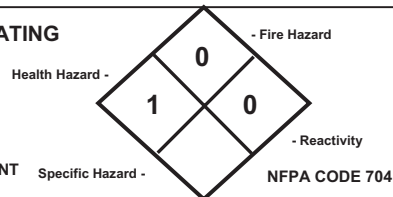
**IOWA
PRISON
INDUSTRIES**

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 2/21/07
Supersedes Date: 3/25/98

HAZARD RATING

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT



SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer Name IOWA PRISON INDUSTRIES	Emergency Telephone No. (515) 967-7651
Address 300 Elm St. SW, Mitchellville, Iowa 50169	
Trade Name- AQUA SEAL	Product Type- Floor Sealer
Chemical Family-	Formula- Proprietary Blend

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
DEG Methyl Ether	111773	2-5	NE	
Tributoxyethyl	78513	1-5	NE	
Zinc Ammonium Carbonate	38714475	1-5	25 ppm	

Section 313 Supplier Notification

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.0551.02	pH- 8.5 ± 0.3
Vapor Pressure- (mmHg) ND	Vapor Density (Air = 1) Less than air	
Solubility in Water- <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate- (vs H2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		
Appearance and Odor- White milky liquid, Typical acrylic odor		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point- (T.C.C.) <input checked="" type="checkbox"/> None to Boiling	Flammable Limits- Upper- NA Lower- NA
Extinguishing Media- NA	
Special Fire Fighting Procedures- None	
Unusual Fire and Explosion Hazards- None Physical Hazards- None	

SECTION 5 - REACTIVE DATA

Stability- Stable	Incompatibility- Strong Acids
Hazardous Decomposition Products- Carbon Monoxide, Carbon Dioxide	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)- May cause eye irritation.
Signs and Symptoms of Over-Exposure (Chronic)- Irritation as noted above. None known
Medical Conditions Aggravated by Over-Exposure- None known
Carcinogen or Suspect Carcinogen Ingredients- <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. Get medical attention.
Skin: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.
Ingestion: Keep warm and quiet. Get medical attention.
Inhalation: Remove to fresh air.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection- None
Ventilation Requirements- Sufficient <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other-
Protective Gloves- Optional (rubber or Pvc) Eye Protection- Recommended
Other Protective Clothing- None

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled- Absorb on solid absorbent and shovel into containers for disposal.
Waste Disposal Methods- In accordance with local, state and federal regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage-
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