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FLOOR ARMOR

FLOOR FINISH

DESCRIPTION:

A specially-developed metal interlock acrylic floor finish and sealer which requires fewer coats to get the wet look and much easier to remove. Dries crystal clear to an exceptionally bright, super-hard, extra-durable finish that is highly resistant to abrasion, scuffing, heel marking, scratching and powdering, even under the heaviest traffic. Extends stripping cycles by 50 %. Contains 20% solids to save time and labor in floor finishing operations. Resistant to streaking and trailing. Easy to maintain can be scrubbed, buffed, and is detergent resistant. Will not yellow with age. For use on all types of composition tile, cork, unglazed ceramic tile, and terrazzo. Coverage is 1,500 – 2,000 sq. ft. per gallon.

Slip Resistance (ASTM D2047)..... > 0.50 COF

DIRECTIONS FOR USE:

APPLICATION: 1. Floors should be properly stripped of all old wax and finish, rinsed and neutralized, prior to applying this finish.
2. Apply at least 3 coats of finish, depending on the condition and porosity of the floor. Allow each coat to dry tack-free before applying the next coat. Minimum 45 minutes dry time between coats depending on conditions. For maximum gloss, allow the finish the longest practical drying time between coats.

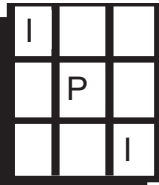
MAINTENANCE: 1. Damp mop or scrub with a mild detergent as needed.
2. Spray buff or burnish periodically to maintain gloss and remove scratches, scuffs, and heel marks.
3. If desired, an additional coat of finish can be applied. Scrub and rinse floor thoroughly to remove all soil before applying maintenance coats of finish. As a rule, apply no more than 10 coats of finish before stripping and refinishing.
4. Can be burnished to bring back shine and remove scuffs.

STRIPPING: 1. Strip old finish with our Quick Strip. Follow stripper label directions. Rinse floor thoroughly with water before applying the finish.

CAUTION
KEEP OUT OF THE REACH OF CHILDREN
Only for sale to, use and storage by Service Personnel.

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: 1/28/08
Supersedes Date: NEW

HAZARD RATING

Health Hazard - 1
Fire Hazard - 0
Reactivity - 0
Specific Hazard -
NFPA CODE 704

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- FLOOR ARMOR	Product Type- Floor Wax
Chemical Family-	Formula-

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
DEG Ethyl Ether	111-90-0	2-8		
DPG Methyl Ether	34590-94-8	2-8		
Tributoxyethyl Phosphate	78-5-13	1-5		
Isodecyl Benzoate	7732-18-5	1-5		
Zinc Ammonium Carbonate	38714475	1-5		

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.055	pH- 8-8.5
Vapor Pressure- (mmHg) N/D	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) Slower Than n-Butyl Acetate <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input 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- Lower-
Extinguishing Media- Foam, Carbon Dioxide, or Dry Chemical	
Special Fire Fighting Procedures- Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.	
Unusual Fire and Explosion Hazards-	Physical Hazards-

SECTION 5 - REACTIVE DATA

Stability- Stable	Incompatibility- Avoid strong oxidizing agents
Hazardous Decomposition Products-	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)-
Signs and Symptoms of Over-Exposure (Chronic)-
Medical Conditions Aggravated by Over-Exposure-
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: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention.

Skin: Flush contaminated skin with plenty of water. Consult a physician if irritation persists.

Ingestion: If this product is swallowed, DO NOT induce vomiting. If vomiting occurs, keep head below hip level to prevent aspiration (breathing) of fluid into the lungs. If Affected person is conscious, give plenty of water to drink. Get medical attention at once.

Inhalation: Move exposed person to fresh air. If irritation persists, get medical attention. immediately

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection- If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised. Engineering or administrative controls should be implemented to reduce exposure.
Ventilation Requirements- <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Other- Sufficient ventilation to maintain exposure below TLV(S)
Protective Gloves- Wear chemical resistant gloves such as nitrile rubber. Eye Protection- Chemical splash goggles are advised.
Other Protective Clothing-

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled- Stop discharge, if it can be performed safely, and contain material. If a substantial quantity is spilled, recover with pump of vacuum. Otherwise, use an absorbent material. Place contaminated material in a suitable container for disposal. Do not flush to sewer, stream, or other bodies of water.

Waste Disposal Methods- Contains DEG Ethyl Ether and DPG Methyl Ether which are subject to the reporting requirements of section 313 of the Emergency Planning & Community Right to Know Act of 1986 and of 40 CFR 372.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage- Keep this product away from food and food products. Store tightly-closed container in dry area at temperatures between 40 ° F and 120° F. Keep from freezing. Do not store at temperatures below 32° F.