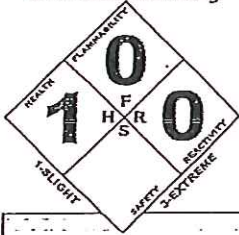


NFPA RATING
0 = none to
4 = hazardous rating



High Performance Floor Finish FL-2106-C/D/E & FL-2106-32-PK

DATE PREPARED: 08/31/01

DATE REVISED: 05/23/08

page 1 of 2

MATERIAL SAFETY DATA SHEET (MSDS)

Per 29 CFR 1910.1200

SECTION I



PEN Products
Indiana Department of Correction
6075 Lakeside Boulevard
Indianapolis, Indiana 46278

Toll Free: (800) PEN-2550
Direct: (317) 388-8580

24-Hour Emergency Number - Chemtrec (800) 424-9300

Identity (As listed on label): High Performance Floor Finish

HMIS Hazard Ratings:	
Health:	1
Flammability:	0
Reactivity:	0
PPE	NA

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV-TWA	Other Limits Recommended Percent
* Dibutyl Phthalate	84-74-2	5 mg/m ³	5 mg/m ³	STEL 20 mg/m ³ 1 - 5
* Diethylene Glycol Methyl Ether	111-77-3	Not estab.	Not estab.	Not estab. 5 - 10
* Zinc Ammonium Carbonate Compound	38714-47-5	Not estab.	Not estab.	Not estab. 1 - 5

SECTION 313 SUPPLIER NOTIFICATION

The toxic chemical(s) listed above which are marked with an (*) are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. Not all chemicals subject to Section 313 of EPCRA appear on the OSHA Floor List of Hazardous Chemicals.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212° F	Specific Gravity (H ₂ O=1):	1.029
Vapor Pressure (mm Hg):	Approx. 17@68° F	Melting Point:	Approx. 30° F
Vapor Density (Air=1):	Approx. 0.6	Evaporation Rate (water=1):	1.0
Solubility in Water:	Complete		
Appearance and Odor:	White opaque liquid, mild polymeric odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
 Flammable Limits: LEL NA UEL NA
 Extinguishing Media: NA
 Special Fire Fighting Procedures: None
 Unusual Fire and Explosion Hazards: None



SECTION V - REACTIVITY DATA

Stability: Unstable Stable
 Conditions to Avoid: Freezing
 Incompatibility (Materials to Avoid): Acids
 Hazardous Decomposition or By-products: Carbon monoxide, carbon dioxide
 Hazardous Polymerization: May Occur May Not Occur
 Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? Yes Eyes? Yes
 Health Hazards (Acute and Chronic): Direct eye contact may cause irritation, pain, redness. Inhalation of mists may irritate the respiratory tract, nasal passages.
 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No
 Signs and Symptoms of Exposure: Irritation as noted above
 Medical Conditions Generally Aggravated by Exposure: None known

EMERGENCY & FIRST AID PROCEDURES:

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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Absorb on solid absorbent and shovel into containers for disposal.
 Waste Disposal Method: Dispose of according to Federal, State and Local Laws and 40 CFR.
 Precautions to be Taken in Handling and Storing: Store between 40° and 100° F.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): None
 Ventilation: Mechanical (General): Ventilation is sufficient
 Protective Gloves: Optional
 Eye Protection: Recommended if splashing is likely to occur.
 Other Protective Clothing or Equipment: None
 Work/Hygienic Practices: No special precautions.