

Section 1. Product and Company Identification



Irritant

Product Name: [xdp] xtreme dura-paint

Product Use: Concrete chemical hardener, densifier and curing compound.

Product Description: Yellow or white viscous liquid, alkaline, may cause eye and skin irritation.

Effective Date: February 5, 2011

Manufacturer Information: Performa Chemicals

Telephone number: 800-303-6593 Fax: 800-712-8818

USA Emergency Phone Number:

INFOTRAC (24-hr/7 days): 1-800-535-5053

Outside the United States call collect 1-352-323-3500

For Medical Emergency - Call 1-800-535-5053

Section 2. Ingredients and Hazards Identification

Components					
Component	CAS #	% by Weight	OSHA PEL	ACGIHTWA	SARA TITLE III
Proprietary ingredient A (b,*)	Not listed	7-13	NE	1*	No
Proprietary Ingredient C (b)	Not specified	1-5	NE	NE	
Proprietary ingredient B (b,*)	Not listed	1-5	NE	NE	No
Diethylene glycol monobutyl ether (a)	112-34-5	1-5	NE	NE	Yes

(*)The ACGIH Threshold Limit Value (TLV) has not been established nor has OSHA established the Permissible Exposure Limit (PEL) for this product, therefore the limits described have been established as guidelines by the manufacturer.

(a) A "Yes" in the SARA TITLE III column in Section 2 indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

(b) The specific product is not identified due to "Trade Secret" status. In emergency situations further information may be obtained by the on - duty physician calling the emergency information number listed above. Reference 29 CFR 1910.1200 and / or 40 CFR 350.

Section 3. Hazard Identification

Emergency Overview:

Alkaline liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard symbols for this product - None. R-Phrases - Not classified

Potential Health Effects:

Inhalation: Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

Eyes: Contact with eyes may cause pain and irritation.

Skin: Contact with skin may cause irritation, dermatitis.

Ingestion: Irritating to digestive tract; may cause gastric distress, stomach pains.

Carcinogenicity: None determined.

ARC Monographs: No

OSHA Regulated: No



- > interior wood finishing
- > exterior wood finishing
- > vinyl floor finishing
- > epoxy restoration

Section 4. First Aid Measures

Inhalation: Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

Skin Contact: Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

Eye Contact: Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

Ingestion: Drink large quantities of water or milk; DO NOT induce vomiting; seek medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point (Method Used): Not flammable

Flammability Limits: NA

LEL: NA

UEL: NA

Autoignition Temperature: Not Determined

NFPA Class: None

General Hazards: Product is alkaline. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

Extinguishing Media: Carbon dioxide, water, water fog, dry chemical, chemical foam

Fire Fighting Procedures: Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.

Unusual Fire and Explosion Hazards: None

Hazardous Combustion Products: Smoke, fumes, oxides of carbon foam

Section 6. Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled: Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. This is a regulated product, refer to SARA Title III, Section 313.40 CFR 372 for complete spill reporting regulations.

Section 7. Handling and Storage

Precautions to Be Taken in Handling and Storage: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

Section 8. Exposure Control/Personal Protection

Engineering Controls: The use of local exhaust ventilation is recommended. Use corrosion-resistant ventilation equipment.

Personal Protection:

Respiratory Protection (Specify Type): None required while threshold limits (Section 2) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

Protective Gloves: Neoprene or rubber gloves with cuffs.

Eye Protection: Goggles with side shields; safety eyebath nearby.

Other Protective Clothing or Equipment: Coveralls, apron, or other equipment should be worn to minimize skin contact.

Work/Hygienic Practices: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

Section 9. Physical and Chemical Properties

Appearance and Odor	White viscous liquid, characteristic odorless		
Vapor Pressure (MM Hg)	17 mm Hg @ 20 ° C	Vapor Density (AIR = 1)	> 1.0
pH	Approx. 12.0	Solubility in Water	Emulsifies
Viscosity	Not Specified	Freezing Point	32°F (0° C)
Evaporation rate(water=1)	> 1.0	Boiling Point	212 °F (100 °C)
Specific Gravity(water=1)	1.8180	VOC	< 50 g/L
Physical State	Liquid		

Section 10. Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Extreme Temperatures

Incompatibility:

Materials to Avoid: Strong oxidizers, strong acids

Hazardous Decomposition or Byproducts: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

Section 11. Toxicological Information

Hazardous Ingredients	CAS #	LD50 of Ingredient (Specify Species and Route)	LD50 of Ingredient (Specify Species)	Percent
Proprietary ingredient A (b,*)	Not listed	16,540 mg/kg Oral-rat	Not established	7-13
Proprietary Ingredient B (b,*)	Not listed	7,460 mg/kg Oral-rat	Not established	1-5
Proprietary ingredient C (b)	Not listed	Not established	Not established	1-5
Diethylene glycol monobutyl ether (a)	112-34-5	7,292 mg/kg Oral-rat	Not established	1-5

Section 12. Ecological Information

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

Section 13. Disposal Considerations

Waste Disposal Method: Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for alkaline materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

Section 14. Transport Information

Proper Shipping Name: Not Regulated

Hazard Class/Pack Group: None

Reference: Not Applicable

Identification Number: None

Labels: None Required

IATA Hazard Class/Pack Group: None

IMDG Hazard Class: None

RID/ADR Dangerous Goods Code:: None

Canadian TDG Hazard Class: None

Hazard Symbols: None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

Section 15. Regulatory Information

Categories:

TSCA (Toxic substance Control Act): All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act): 311/312 Hazard Categories None

313 Reportable Ingredients: a) A "Yes" in the SARA TITLE III column in Section 2 indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CERCLA (Comprehensive Response Compensation and Liability Act): None

CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Categories, Cont.:

IDL (Canadian Ingredient Disclosure List): Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances): Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases: Not classified

EC Safety Phrases:

S2 Keep out of the reach of children.

S24 Avoid contact with skin.

S25 Avoid contact with eyes

S28 After contact with skin, wash immediately with plenty of soap and water.

Section 16. Other Information

Hazardous Material Information (HMIS)

National Fire Protection Association (NFPA)

Health	1	1	Health
Flammability	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	C	Safety Glasses, Gloves, Apron	

Health	4 Deadly	3 Extreme Danger	2 Dangerous	1 Slight hazard	0 No hazard
Fire	4 < 73 °C	3 < 100 °C	2 < 200 °C	1 >200 °C	0 Will not burn
Reactivity/Instability	4 – May detonate	3 Explosive	2 Unstable	1 Normally stable	0 Stable

Risk phrases: R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.

Safety phrases: S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

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