



## Safety Data Sheet

Dynaflux SDS PHF B 12/17/2014

Product: Crack Check PHF Penetrant (Liquid)

**Part 1: Product and Company Identification**

Identification PHF B

Trade Name: Crack Check PHF Penetrant (Liquid)

Product Use: Dye to penetrate cracks in hard surfaces.

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Emergency Telephone Number: For U.S.: 800-255-3924 International: 813-248-0585

**Part 2: Hazardous Ingredients**Signal Word: **DANGER****H224:** Extremely flammable liquid and vapor**H361:** Suspected of damaging fertility or the unborn child

Hazardous Ingredients	CAS No.	SARA III List	PEL PPM	TLV PPM	Carcinogen Refer. Source
Aliphatic Hydrocarbon	64742-47-8	Yes	500	100	Not Listed
Aromatic Hydrocarbon	64741-67-6	Yes	100	100	Not Listed
Xylene	1330-20-7	Yes	100	100	Not Listed

**VOC 82.54%****Part 3: Hazard Rating****H.M.I.S.**

Health	2
Flammability	3
Reactivity	0
Special	-

**N.F.P.A.**

Health	2
Flammability	3
Reactivity	0
Personal Protection	b

**Part 4: First Aid Measures**Eye Contact: Flush with water for 15 minutes. Get medical attention. **GHS Subcategory 2A**Skin Contact: Wash with soap and water. **GHS: Category 2**

Inhalation: Move to fresh air. Get medical attention.

Ingestion: Do not induce vomiting. Give several large glasses of water. Call physician. **GHS: Category I**

Continued

## Part 5: Fire Fighting Measures

Flashpoint: Flammable-Flame Projection Test

U.E.L.: None Established

L.E.L. : None Established

Auto Ignition Temperature: N.E.

Combustion Products: Carbon dioxide, Carbon monoxide

Extinguishing Media: Foam, CO<sub>2</sub>, Dry chemical

Unusual Fire and Explosion Hazard: Use a self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing.

## Part 6: Accidental Release Measures

Small Spill: Soak up with absorbent material, i.e. kitty litter, clay or dirt. Sweep up and place in a labeled closed container.

Large Spill: Keep unauthorized people from the area. Use self contained breathing apparatus. Dike area and pump contents to a labeled, closed container. Absorb residue and sweep up. Place in a closed, labeled container. Remove all ignition sources.

## Part 7: Handling and Storage

Leave in the shipping containers. Store in a cool dry place.

## Part 8: Exposure Control / Personal Protection

If vapors exceed TLV use an approved respirator. Use mechanical ventilation in confined areas. Wear safety glasses and protective gloves. Remove all ignition sources.

## Part 9: Physical and Chemical Properties

Boiling Point: NA

Vapor Pressure (psig@70°F)-60psig

Vapor Density: N.E.

Solubility in Water: Insoluble

Appearance and Odor: Red liquid with solvent odor.

Specific Gravity: .945

Evaporation Rate (BuAc=1): .08

Water Reactive: No

Ph: NA

## Part 10: Stability and Reactivity

Stability- Product is stable

Hazardous Polymerization- will not occur.

Conditions to Avoid- Ignition sources, open flames, strong oxidizers

Hazardous Decomposition Products-Carbon dioxide, Carbon monoxide

## Part 11: Toxicological Information

Carcinogenicity Classification – NTP Not Listed IARC Not Listed

Reproductive Toxicity: Animal Studies- None

Ingestion Toxicity- LD<sub>50</sub> 3160mg/kg Category 5

Mildly irritating to the skin with prolonged exposure. **GHS: Category 3**

## Part 12: Ecological Information

Biodegradability – Not Biodegradable

Keep out of sewers and water ways. Category III

Not expected to be harmful to aquatic organism.

**Part 13: Disposal Consideration**

Do not dump into any sewers, on the ground or into any body of water. Send to a permitted recycler.

**Part 14: Transportation Information**

D.O.T. Shipping Name – Pressurized Container

Hazard Class- O.R.M.D.

IMDG- Same as D.O.T.

Marine Pollutant – No

Reportable Quantity – 1000 lbs.

**Part 15: Regulatory Information**

Section 311 and 312

Immediate health Hazard – Yes

Fire Hazard – Yes

Reactive Hazard – No

TSCA – Listed

CEPA-(DSL) Listed

**Part 16: Other Information**

Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Completed by: Eugene Schaffstall

**Disclaimer of Expressed and implied Warranties:**

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.