Part 1: Product and Company Identification

Identification PHF A
Trade Name: Crack Check PHF Penetrant (Aerosol)
Product Use: Dye to penetrate cracks in hard surfaces.
Manufacturers Name: Dynaflux, Inc.
241 Brown Farm Rd.
Cartersville, GA 30120 U.S.A.

Part 2: Hazardous Ingredients

Signal Word: DANGER
H223: Flammable aerosol
H229: Pressurized container: may burst if heated
H361: Suspected of damaging fertility or the unborn child

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS No.</th>
<th>SARA III List</th>
<th>PEL PPM</th>
<th>TLV PPM</th>
<th>Carcinogen Refer. Source</th>
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</thead>
<tbody>
<tr>
<td>Aliphatic Hydrocarbon</td>
<td>64742-47-8</td>
<td>Yes</td>
<td>500</td>
<td>100</td>
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<tr>
<td>Aromatic Hydrocarbon</td>
<td>64741-67-6</td>
<td>Yes</td>
<td>100</td>
<td>100</td>
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<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>Yes</td>
<td>100</td>
<td>100</td>
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<tr>
<td>Isobutane / Propane Blend</td>
<td>75-28-5</td>
<td>No</td>
<td>1000</td>
<td>1000</td>
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<tr>
<td></td>
<td>74-98-6</td>
<td>No</td>
<td>1000</td>
<td>1000</td>
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</tbody>
</table>

VOC 82.54%

Part 3: Hazard Rating

<table>
<thead>
<tr>
<th>H.M.I.S.</th>
<th>N.F.P.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>Health</td>
</tr>
<tr>
<td>Flammability</td>
<td>Flammability</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Reactivity</td>
</tr>
<tr>
<td>Special</td>
<td>Personal Protection</td>
</tr>
<tr>
<td></td>
<td>b</td>
</tr>
</tbody>
</table>

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 1

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, CO2, 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. Do not expose aerosols to temperatures above 120° as the container may rupture.

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- LD50 3160mg/kg Category 5
Mildly irritating to the skin with prolonged exposure. 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., UN1950, 2.1 Limited Quantity
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**
Dynaflex, 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 I 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.