MATERIAL SAFETY DATA SHEET

FPWB

This MSDS complies with OSHA'S Hazard Communication standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-0; Reactivity-0 ; Special-	**HMIS Rating:** Health-1; Flammability-0; Reactivity-0; Personal Protection-B
Manufacturer's Name: **DYNAFLUX, INC.** 241 Brown Farm Rd. Cartersville, GA 30120	**DOT Hazard Classification:** Consumer Commodity 2.1, UN1950 **Identity** (trade name as used on label): **CRACK CHECK FPW PENETRANT** (non-aerosol)
Prepared By: GS	**MSDS Number: FPWB** Revision: 7/1/2006
Information Calls: (800)334-4420 **Emergency Response Number: CHEMTEL 1(800)255-3924**	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS NUMBER	SARA III LIST	OSHA PEL (PPM)	ACGIH TLV (ppm)	Carcinogen Ref. source*
n-methyl pyrrolidone	872-50-4	yes	ne	nel	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Initial 212° F.	**Specific Gravity (H2O=1): 1.07**
Vapor Pressure:(PSIG @ 70° F (Aerosols): NA	**Vapor Pressure:**(Non-Aerosols)(mm Hg and Temperature): 17.2 MMhG @ 70° F
Vapor Density:(Air=1): .62	**Evaporation Rate** (HOH=1): 1
Solubility in Water: Miscible	**Water Reactive:** no

Appearance and Odor: Thin yellow green liquid, odorless

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N.A.	**Auto Ignition Temperature** 518° F	**Flammability Limits in Air by % in Volume:** %LEL: 1.3	%UEL: 9.5

FLASH POINT AND METHOD USED (non-aerosols): 200º F C.C.	**EXTINGUISHER MEDIA**: Dry Chemical, CO2, Water Spray
SPECIAL FIRE FIGHT PROCEDURES: None	

Unusual Fire & Explosion Hazards: None

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: [X] STABLE [ ] UNSTABLE	**HAZARDOUS POLYMERIZATION** [ ] WILL [X] WILL NOT OCCUR
I**ncompatibility** (Mat. to Avoid): Strong oxidizing agents	**Conditions to Avoid**: None

Hazardous Decomposition Products: carbon dioxide, carbon monoxide

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [ ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [X] EYE [X] NOT HAZARDOUS

ACUTE EFFECTS:

Inhalation: No effects

Eye contact: May cause mild irritation.

Skin contact: May cause mild irritation.

Ingestion: Not likely

CHRONIC EFFECTS:

Medical conditions Generally Aggravated by Exposure: Dermatitis

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Get medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing.

Inhalation: Move to fresh air.

Ingestion: Give several large glasses of water. If irritation persists get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): No special protection is necessary under normal use conditions.

Protective Gloves: Polyethylene

Eye Protection: Safety Glasses

Ventilation Requirements: Normal room ventilation is usually adequate.

Other Protective Clothing & Equipment: Emergency eye wash station should be available.

Hygienic Work Practices: Wash hands before eating, drinking, smoking or using toilet facilities.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Large spill-Dike area. Pump to intact container. Absorb residue and shovel into closed container. Small spills- absorb liquid on absorbent medium.

Waste Disposal Methods: Dispose of in accordance with federal, state and local regulations.

Precautions To Be Taken In Handling & Storage: Store in cool dry place. Keep container closed when not in use.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

*Chemical Listed as Carcinogen or Potential Carcinogen. [a] NPT [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only