

MATERIAL SAFETY DATA SHEET

DFA

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-3; Reactivity-0 ; Special-	HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120	DOT Hazard Classification: Consumer Commodity ORMD 48580 Sub 3 Identity (trade name as used on label): CRACK CHECK DF DEVELOPER (aerosol)
Prepared By: GS	MSDS Number: DFA Revision: 11/3/2008
Information Calls: (800)334-4420	Manufactured for: Robinson Technical Products

Emergency Response Number: CHEMTEL US: (800)-255-3924 / International: 813-248-0585

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*
Ethyl Acetate	141-78-6	yes	400	400	d
Isopropyl Alcohol	67-63-0	yes	500	400	d
Isobutane	75-28-5	no	1000	1000	d
Propane	74-98-6	no	1000	1000	d
VOC: 92.04%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA	Specific Gravity (H2O=1): 0.920
Vapor Pressure: (PSIG @ 70° F (Aerosols): psig max 60	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1): NE	Evaporation Rate (BUAC=1): 1.3
Solubility in Water: Partially Soluble	Water Reactive: None

Appearance and Odor: White powdery spray with sweet solvent odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME	Auto Ignition Temperature	Flammability Limits in Air by % in Volume:	
PROJECTION TEST (aerosols) Flammable	NE	%LEL: NE	%UEL: NE

FLASH POINT AND METHOD USED : NA

EXTINGUISHER MEDIA: Foam, CO2, dry chemical, water fog

SPECIAL FIRE FIGHT PROCEDURES: Wear self contained breathing apparatus.

Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 120° F or the container may rupture.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to Avoid): Strong oxidizers, sparks, open flame.	Conditions to Avoid: None

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

SECTION 5 - HEALTH HAZARD DATA

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

ACUTE EFFECTS: See below.

Inhalation: Headache, dizziness, nausea, if vapor concentration exceeds TLV could cause unconsciousness or be fatal.

Eye contact: Severe irritation

Skin contact: Possible mild irritation due to defatting of skin.

Ingestion: Nausea, respiratory irritation.

CHRONIC EFFECTS: Possible kidney damage.

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. See physician if irritation develops.

Inhalation: Primary route of exposure. Remove to fresh air. Resuscitate if necessary. Seek medical attention.

Ingestion: Unlike route of exposure. DO NOT INDUCE VOMITING. Give several glasses of water. SEEK MEDICAL ATTENTION.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, wear respirator approved by Burea of Mines.

Protective Gloves: Neoprene gloves recommended.

Eye Protection: Safety glasses recommended.

Ventilation Requirements: Adequate to keep vapor concentration below TLV.

Other Protective Clothing & Equipment: None

Hygienic Work Practices: Wash hands before handling food.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Avoid breathing vapors. Extinguish all ignition sources. Dike area and pump to intact container. Absorb residue and place in steel container.

Waste Disposal Methods: Aerosol cans, when vented to atmospheric pressure through normal use pose no problem. Dispose in accordance with federal, state and local regulations.

Precautions To Be Taken In Handling & Storage: Avoid breathing vapors. Do not puncture or incinerate container.

Store in cool dry location away from food stores. Keep container closed. Do not store at temperatures above 120° F.

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