

MATERIAL SAFETY DATA SHEET

380A

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-2; Flammability-2; Reactivity-0 ; Special-		HMIS Rating: Health-2; Flammability-2; Reactivity-0; Personal Protection-2	
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): DYNAFLUX METAL PROTECTOR (aerosol)	
Prepared By: GS	MSDS Number: 380A	Revision:	4/13/2010
Information Calls: (800)334-4420	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA		

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*
Mineral Spirits	64742-47-8 &64742-88-7	yes	500	100	d d
VOC: 70%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 300°F	Specific Gravity (H2O=1): .82
Vapor Pressure: (PSIG @ 70° F (Aerosols): 85 PSIG	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1): 5.0	Evaporation Rate (BUAC=1): .07
Solubility in Water: Negligible	Water Reactive: None
Appearance and Odor: Semi-opaque, amber liquid, non-viscous, solvent odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) Flammable	Auto Ignition Temperature Unknown	Flammability Limits in Air by % in Volume: %LEL: ND %UEL: ND	
FLASH POINT AND METHOD USED (non-aerosols): NA		EXTINGUISHER MEDIA: Water spray, foam, dry chemical	
SPECIAL FIRE FIGHT PROCEDURES: Do not enter confined fire space without protective equipment including NIOSH approved self-contained breathing apparatus. Cool fire exposed container. Use water fog to cool containers to keep from rupturing.			
Unusual Fire & Explosion Hazards: None			

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): Oxidizing materials	Conditions to Avoid: None
Hazardous Decomposition Products: Oxides of carbon and unidentified organics.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS: Central nervous system depression. May cause nausea, dizziness.
Inhalation: High concentrations may be slightly irritating to mucous membranes.
Eye contact: Slight irritation to mucous membrane.
Skin contact: Prolonged exposure may produce irritation.
Ingestion: Liquid ingestion may cause vomiting, vapors may cause pulmonary edema.
CHRONIC EFFECTS: None
Medical conditions Generally Aggravated by Exposure: Dermatitis

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water. Get medical attention if irritation persists.
Skin Contact: Wash with soap and water. Get medical attention if irritation persists.
Inhalation: Remove to fresh air- provide oxygen if breathing is labored.
Ingestion: Do not induce vomiting. Get medical attention. Give several glasses of water.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): To prevent overexposure use NIOSH approved respirator.
Protective Gloves: Rubber or plastic
Eye Protection: Splash goggles or safety glasses.
Ventilation Requirements: Normal room ventilation is usually adequate.
Other Protective Clothing & Equipment: Non-absorbing apron.
Hygienic Work Practices: Wash face and hands after exposure to vapors.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Eliminate sources of ignition. Dike and contain. Soak up residue on non-combustible absorbent. Scrape up.
Waste Disposal Methods: In compliance with local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Store in cool dry place away from oxidizing materials. Keep away from heat, open flame.
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