

**MATERIAL SAFETY DATA SHEET**

**380B**

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

**IDENTITY AND MANUFACTURER'S INFORMATION**

<b>NFPA Rating:</b> Health-2; Flammability-2; Reactivity-0 ; Special-		<b>HMIS Rating:</b> Health-2; Flammability-2; Reactivity-0; Personal Protection-B	
Manufacturer's Name: <b>DYNAFLUX, INC.</b> 241 Brown Farm Rd. Cartersville, GA 30120		<b>DOT Hazard Classification:</b> Welding Compound 50390	
		<b>Identity</b> (trade name as used on label): <b>DYNAFLUX METAL PROTECTOR</b> (non-aerosol)	
Prepared By: GS		<b>MSDS Number:</b> 380B	Revision: 4/13/2010
Information Calls: (800)334-4420		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	
<b>Emergency Response Number:</b> CHEMTEL US: (800)-255-3924 / International: 813-248-0585			

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (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 VOC: 75%	64742-47-8 &64742-88-7	yes	500	100	d d

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 300°F	<b>Specific Gravity (H2O=1):</b> .82
<b>Vapor Pressure:</b> (PSIG @ 70° F (Aerosols): NA	<b>Vapor Pressure:</b> (Non-Aerosols)(mm Hg and Temperature): 6mm@100° F
<b>Vapor Density:</b> (Air=1): 5.0	<b>Evaporation Rate</b> (BUAC=1): .07
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> None
<b>Appearance and Odor:</b> Semi-opaque, amber liquid, non-viscous, solvent odor.	

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLAMMABILITY as per USA FLAME</b>	<b>Auto Ignition Temperature</b>	<b>Flammability Limits in Air by % in Volume:</b>	
<b>PROJECTION TEST (aerosols)</b> NA	N.E.	<b>%LEL:</b> 1.0	<b>%UEL:</b> 6.0
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> 117° F T.C.C.		<b>EXTINGUISHER MEDIA:</b> Water spray, foam, dry chemical	
<b>SPECIAL FIRE FIGHT PROCEDURES:</b> Do not enter confined fire space without protective equipment including NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water to prevent rupturing.			
<b>Unusual Fire &amp; Explosion Hazards:</b> None			

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY:</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to Avoid): Oxidizing materials	<b>Conditions to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> Carbon dioxide, carbon monoxide.	

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY:</b> <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
<b>ACUTE EFFECTS:</b> Central nervous system depression may cause nausea, dizziness.
<b>Inhalation:</b> High concentrations may be slightly irritating to mucous membranes.
<b>Eye contact:</b> Slight irritation to mucous membrane.
<b>Skin contact:</b> Prolonged exposure may produce irritation.
<b>Ingestion:</b> Mild irritant
<b>CHRONIC EFFECTS:</b> None
<b>Medical conditions Generally Aggravated by Exposure:</b> Dermatitis, Asthma

**EMERGENCY FIRST AID PROCEDURES**

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

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

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

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Steps To Be Taken if Material Is Spilled Or Released:</b> Eliminate sources of ignition. Dike and contain. Soak up residue on non-combustible absorbent. Scrape up.
<b>Waste Disposal Methods:</b> In compliance with local, state and federal regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in cool dry place away from oxidizing materials. Keep away from heat, open flame. Keep containers tightly closed when product is not in use.
<b>Other Precautions &amp;/or Special Hazards:</b> 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