

**MATERIAL SAFETY DATA SHEET**

**371B**

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-1; Flammability-1; Reactivity-0 ; Special-		<b>HMIS Rating:</b> Health-1; Flammability-1; Reactivity-0; Personal Protection-B	
Manufacturer's Name: <b>DYNAFLUX, INC.</b> 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Welding Compound 50390	
		Identity (trade name as used on label): <b>DYNAFLUX ALL-METAL WATER DILUTABLE (CUTTING FLUID)</b>	
Prepared By: GS		MSDS Number: <b>371B</b>	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*
Sulfurized Diisobutylene	68153-37-3	NO	NE	NE	d
Aliphatic Hydrocarbon	64742-52-5	NO	NE	NE	d
VOC: 0%					

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 550° F	<b>Specific Gravity (H2O=1):</b> .887
<b>Vapor Pressure:</b> (PSIG @ 70° F (Aerosols): NA	<b>Vapor Pressure:</b> (Non-Aerosols)(mm Hg and Temperature): less than .01
<b>Vapor Density:</b> (Air=1): 12	<b>Evaporation Rate (BUAC=1):</b> NA
<b>Solubility in Water:</b> Dispersible	<b>Water Reactive:</b> NO
<b>Appearance and Odor:</b> Clear, medium viscosity liquid	

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

<b>FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)</b> NA	<b>Auto Ignition Temperature</b> ND	<b>Flammability Limits in Air by % in Volume:</b> %LEL: N.D. %UEL: N.D.	
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> greater than 300° F COC		<b>EXTINGUISHER MEDIA:</b> Dry chemical, CO2, foam, water	
<b>SPECIAL FIRE FIGHT PROCEDURES:</b> Full emergency equipment with self contained breathing apparatus should be worn by fire fighters.			
<b>Unusual Fire &amp; Explosion Hazards:</b> Overheating of containers can result in rupture. Use cold water spray to cool fire exposed containers. Do not use forced spray as this can spread burning liquid.			

**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 (Mat. to Avoid):</b> Strong oxidizing agents	<b>Conditions to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> CO, CO2, and SO2 may be possible.	

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input checked="" type="checkbox"/> NOT HAZARDOUS
<b>ACUTE EFFECTS:</b>
<b>Inhalation:</b> Can cause mild irritation.
<b>Eye contact:</b> Can cause mild irritation
<b>Skin contact:</b> Can cause mild irritation.
<b>Ingestion:</b> May cause irritation to the gastrointestinal tract.
<b>CHRONIC EFFECTS:</b>
<b>Medical conditions Generally Aggravated by Exposure:</b> Dermatitis

**EMERGENCY FIRST AID PROCEDURES**

<b>Eye Contact:</b> Flush with plenty of water for at least 15 minutes. Consult a doctor if irritation persists.
<b>Skin Contact:</b> Wash with soap and water.
<b>Inhalation:</b> Remove to fresh air. If breathing is difficult consult a physician.
<b>Ingestion:</b> Consult a physician. Do not induce vomiting. Give several glasses of water.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection (specify type):</b> Wear air purifying respirator equipped with organic vapor cartridge if vapors are irritating.
<b>Protective Gloves:</b> Chemical Resistant
<b>Eye Protection:</b> Wear chemical goggles where splashing of liquid or high mist or vapors concentration may occur.
<b>Ventilation Requirements:</b> General exhaust under normal usage conditions. Use local exhaust where application generates excessive mist or vapors.
<b>Other Protective Clothing &amp; Equipment:</b> Safety showers and eye wash stations should be easily accessible.
<b>Hygienic Work Practices:</b> Wash before eating and smoking.

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

<b>Steps To Be Taken if Material Is Spilled Or Released:</b> Cover spill with absorbent material such as sand, sweeping compound, or diatomaceous earth. Take up material and place in an appropriately labeled container. Dispose of according to local, state and federal regulations.
<b>Waste Disposal Methods:</b> Dispose of absorbed material by approved incineration or in an approved solid waste facility in compliance with local, state and federal regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in closed containers in cool, dry, well ventilated area away from sources of heat, ignition, and strong oxidizing agents.
<b>Other Precautions &amp;/or Special Hazards:</b> Do not cut or weld on full or partially full or empty containers. Protect from physical damage. Keep tightly closed when not in use. <b>KEEP OUT OF THE REACH OF CHILDREN.</b>

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