

MATERIAL SAFETY DATA SHEET

370B

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-1; Reactivity-1 ; Special-		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B	
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Welding Compound 50390 Identity (trade name as used on label): DYNAFLUX ALL-METAL CUTTING FLUID (non-aerosol)	
Prepared By: GS		MSDS Number: 370B 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

Boiling Point: 550° F	Specific Gravity (H2O=1): .887
Vapor Pressure: (PSIG @ 70° F (Aerosols): N.A.	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): less than .01
Vapor Density: (Air=1): 12	Evaporation Rate (BUAC=1): NA
Solubility in Water: Neg.	Water Reactive: No
Appearance and Odor: Clear, colorless liquid with hydrocarbon odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NA	Auto Ignition Temperature N.D.	Flammability Limits in Air by % in Volume:	
		%LEL: N.D.	%UEL: N.D.
FLASH POINT AND METHOD USED (non-aerosols): greater than 300°F COC		EXTINGUISHER MEDIA: Dry chemical, CO2, Foam, water	
SPECIAL FIRE FIGHT PROCEDURES: Full emergency equipment with self contained breathing apparatus should be worn by fire fighters.			
Unusual Fire & Explosion Hazards: 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

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 oxidizing agents	Conditions to Avoid: None
Hazardous Decomposition Products: Formation of partially oxidized hydrocarbons, CO, CO2, and SO2 may be possible.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input checked="" type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS:
Inhalation: May cause irritation with symptoms of coughing and burning sensation in the throat.
Eye contact: Mild irritation
Skin contact: Very mild irritant.
Ingestion: May cause irritation to the gastrointestinal tract.
Medical conditions Generally Aggravated by Exposure: Dermatitis

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with plenty of water for at least 15 minutes. Consult a doctor if irritation persists.
Skin Contact: Wash with soap and water.
Inhalation: Remove to fresh air. If breathing is difficult consult a physician.
Ingestion: Give several glasses of water. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

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

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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