

MATERIAL SAFETY DATA SHEET

800B

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-0; Reactivity-0; Special-		HMIS Rating: Health-1; Flammability-0; 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 GAS LEAK DETECTOR	
Prepared By: GS	MSDS Number: 800B	Revision:	11/3/2008
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*
Ethylene Glycol	107-21-1	no	50	50	d
VOC: 20%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Initial 212° F	Specific Gravity (H2O=1): 1.02
Vapor Pressure: (PSIG @ 70° F (Aerosols): NA	Vapor Pressure: (Non-Aerosols)(mmHg and Temp): 17.6mmGh @ 20° C
Vapor Density: (Air=1): .62	Evaporation Rate (Water=1): 4
Solubility in Water: 100%	Water Reactive: No
Appearance and Odor: Clear liquid	

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) NA	ND	%LEL: ND	%UEL: ND
FLASH POINT AND METHOD USED (non-aerosols): None to boiling T.C.C.			
EXTINGUISHER MEDIA: Alcohol foam, CO2, dry chemical, water fog			
SPECIAL FIRE FIGHT PROCEDURES: Do not enter confined area without proper protective equipment including NIOSH approved breathing apparatus.			
Unusual Fire & Explosion Hazards: None unusual.			

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	Conditions to Avoid: None
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide	

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:
Inhalation: May be mildly irritating, prolonged overexposure may cause damage to kidneys, liver, lungs, blood or CNS.
Eye contact: May be mildly irritating to the eyes.
Skin contact: May be mildly irritating only after prolonged and repeated use.
Ingestion: May cause gastrointestinal irritation.
CHRONIC EFFECTS:
Medical conditions Generally Aggravated by Exposure: None known

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water. If irritation persists, Seek medical attention.
Skin Contact: Wash with water and use soap.
Inhalation: Remove to fresh air.
Ingestion: Induce vomiting. Seek medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Use NIOSH approved if overexposure likely.
Protective Gloves: Impervious chemical resistant
Eye Protection: Chemical goggles.
Ventilation Requirements: Normal room ventilation is usually adequate.
Other Protective Clothing & Equipment: Chemical resistant apron if needed.
Hygienic Work Practices: Wash with soap & water before eating or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released:
Dike large spills, Pump into salvage containers. Soak up residual material on absorbent and place in leak proof containers for disposal.
Waste Disposal Methods: Reclaim or dispose in accordance with federal, state and local regulations.
Precautions To Be Taken In Handling & Storage:
Do not allow to enter sewers, lake, rivers streams or public supplies. Do not eat, drink or smoke in areas where stored or used.
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