

MATERIAL SAFETY DATA SHEET

396B

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; Flammability2; 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 ROBO-SPAT	
Prepared By: GS	MSDS Number: 396B	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*
Mixture of C10 - C14 Isoparaffins VOC: 98%	64742-47-8	NO	100	100	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 424 - 460°F (218-238°C)	Specific Gravity (H2O=1): .778 @ 60°F
Vapor Pressure: (PSIG @ 70° F (Aerosols): NA	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): .012 @ 77°F
Vapor Density: (Air=1): 5-6	Evaporation Rate (HOH=1): 1
Solubility in Water: 1.2 ppm	Water Reactive: No
Appearance and Odor: Clear, slightly yellowish thin liquid.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): NA	Auto Ignition Temperature 422°F	Flammability Limits in Air by % in Volume: %LEL: 0.6 %UEL: 4.7
FLASH POINT AND METHOD USED (non-aerosols): 185F (TCC, ASTM D56		EXTINGUISHER MEDIA: Dry chemical, foam, carbon dioxide
SPECIAL FIRE FIGHT PROCEDURES: Shut off source. Use water fog or spray to cool exposed equipment and containers. Wear self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: None known		

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 materials.	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 checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS: Inhalation: May cause headache, dizziness, nausea, unconsciousness. Eye contact: May be mildly irritating. Skin contact: May be mildly irritating.
Ingestion: May irritate stomach and intestines. May be aspiration hazard if swallowed resulting in pulmonary edema and chemical pneumonitis.
CHRONIC EFFECTS: No known application information
Medical conditions Generally Aggravated by Exposure: Dermatitis

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritation develops, seek medical attention
Skin Contact: Immediately wash with soap and water. If irritation develops, seek medical attention.
Inhalation: Remove from contaminated air. If illness develops, seek medical attention.
Ingestion: Do not induce vomiting. Give several glasses of water. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Not generally required unless needed to prevent respiratory irritation.
Protective Gloves: Rubber, neoprene or vinyl. Eye Protection: Safety glasses with side shields.
Ventilation Requirements: Use adequate ventilation to control below recommended exposure levels.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash hands before eating, drinking or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Protect from ignition. Contain spill. Keep out of reach of water sources and sewers. Absorb in dry, inert material.
Waste Disposal Methods: Dispose of according to local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Store in cool, dry, well-ventilated area. Protect from sources of ignition. Provide means of controlling leaks and spills. Ground during liquid transfer.
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