

MATERIAL SAFETY DATA SHEET

310A

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-3; Reactivity-0; Special-		HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B	
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Consumer Commodity ORMD 48580 Sub 3	
		Identity (trade name as used on label): DYNAFLUX OPTIMUM ALUMINUM SPRAY (aerosol)	
Prepared By: GS		MSDS Number: 310A	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*
Petroleum Distillates	64741-49-9	yes	500	500	d
Xylol	1330-20-7	yes	500	100	d
Aliphatic Hydrocarbon	8032-32-4	yes	500	100	d
Isobutane/Propane blend	75-25-5 & 74-98-6	yes yes	1000	1000	d
MEK	78-93-3	yes	200	200	d
Toluene	108-88-3	yes	100	100	d
VOC: 89%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 245°F	Specific Gravity (H2O=1): .9928
Vapor Pressure: (PSIG @ 70° F (Aerosols): 108 psig	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1): NE	Evaporation Rate (BUAC=1): .26
Solubility in Water: Negligible	Water Reactive: Negligible
Appearance and Odor: Silver liquid with hydrocarbon odor.	

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) EXTREMELY FLAMMABLE	ND	%LEL: 0.7	%UEL: ND
FLASH POINT AND METHOD USED (non-aerosols): NA		EXTINGUISHER MEDIA: Foam, CO2, Dry Chemical	
SPECIAL FIRE FIGHT PROCEDURES: Water spray may be ineffective. Water should be used to cool containers.			

Unusual Fire & Explosion Hazards:
Keep material from heat, sparks and open flames. Do not expose aerosols to temperatures above 120 ° F as container may rupture.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: ☒ STABLE ☐ UNSTABLE	HAZARDOUS POLYMERIZATION ☐ WILL ☒ WILL NOT OCCUR
Incompatibility (Mat. to Avoid): Strong Oxidants	Conditions to Avoid: Keep materials from heat, sparks and open flames.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: ☒ INHALATION ☐ INGESTION ☒ SKIN ABSORPTION ☐ EYE ☐ NOT HAZARDOUS
ACUTE EFFECTS:
Inhalation: Headache, nausea or impairment of reaction time and coordination.
Eye contact: Mild irritant
Skin contact: Prolonged or repeated contact may cause irritation.
Ingestion: Not known
CHRONIC EFFECTS:
Medical conditions Generally Aggravated by Exposure: Existing Asthma.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for at least 15 minutes and contact a physician.
Skin Contact: Wash with soap and water.
Inhalation: Take to fresh air. If breathing difficult contact a physician.
Ingestion: Do not induce vomiting. Give several large glasses of water. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If in confined area use NIOSH approved respirator.
Protective Gloves: Required for prolonged contact. Polyethylene
Eye Protection: Safety glasses or splash shield
Ventilation Requirements : Sufficient to keep vapor concentration below given TLV and LEL.
Other Protective Clothing & Equipment: None normally necessary under ordinary product use.
Hygienic Work Practices: Wash after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Remove all sources of ignition and ventilate vapors. Absorb on an inert material.
Waste Disposal Methods: In accordance with local, state, and federal regulations.
Precautions To Be Taken In Handling & Storage: Avoid breathing vapors. Do not puncture or incinerate container. Do not store at temperatures above 120° F.
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