

MATERIAL SAFETY DATA SHEET

304A

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 BLUE LAYOUT FLUID	
Prepared By: GS		MSDS Number: 304A	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*
Xylene	130-20-7	yes	NA	100	d
Methyl Ethyl Ketone	78-93-3	yes	200	200	d
Toluene	108-88-3	yes	100	100	d
Petroleum Hydrocarbons	68476-86-8	yes	838	NA	d
VOC: 92.21%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA	Specific Gravity (H2O=1): .86
Vapor Pressure: (PSIG @ 70° F (Aerosols): 32-38	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1): 3.86	Evaporation Rate (BUAC=1): <1
Solubility in Water: Insoluble	Water Reactive: NO
Appearance and Odor: Thin blue liquid with pungent solvent odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) Extremely Flammable	Auto Ignition Temperature Unknown	Flammability Limits in Air by % in Volume: %LEL: Not EST. %UEL: Not EST.	
FLASH POINT AND METHOD USED (non-aerosols): N/A		EXTINGUISHER MEDIA: Use foam, dry chemical, CO2	
SPECIAL FIRE FIGHT PROCEDURES: Wear self contained respiratory apparatus. Keep container cool with water fog to prevent bursting.			
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 120 °F as container may rupture.			

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
Conditions to Avoid: Heat, open flame, ignition sources.	
Incompatibility (Mat. to Avoid): Strong oxidizing agents	
Hazardous Decomposition Products: Carbon Monoxide, Carbon dioxide	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS: TLV of product 100 ppm est. Elevated caroxyhemoglobin levels.
Inhalation: Shortness of breath, dizziness, intoxication, leading to possible asphyxiation in extreme cases where TLV is exceeded for prolonged periods (inadequate ventilation).
Eye contact: Burning, redness
Skin contact: Redness, irritation, defatting.
Ingestion: Nausea, possible aspiration pneumonitis if vomited.
CHRONIC EFFECTS: NA
Medical conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders, heart, kidney conditions.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water lifting upper and lower eye lids. Get medical attention.
Skin Contact: Wash with soap and water. See physician if irritation develops. Remove contaminated clothing and shoes.
Inhalation: Remove victim to fresh air. Get medical attention.
Ingestion: Do not induce vomiting. Give several large glasses of water. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): NIOSH Approved self-contained breathing apparatus if TLV is exceeded.
Protective Gloves: Solvent Resistant
Eye Protection: Chemical splash goggles (OSHA approved)
Ventilation Requirements: Sufficient local or mechanical ventilation to maintain vapor concentration below TLV.
Other Protective Clothing & Equipment: Solvent resistant clothing and boots.
Hygienic Work Practices: Wash hands before handling food and smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Eliminated all sources of ignition including pilot lights, open flames, etc. Provide non-sparking ventilation to vapors. Soak up with oil absorbant material. Use self-contained breathing apparatus. Remove all persons from the area.
Waste Disposal Methods: Dispose of in approved landfill in accordance with all local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Extremely flammable. Avoid breathing vapors. Do not puncture or incinerate container. Do not store at temperatures above 120° F. Use in well ventilated areas.
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