

MATERIAL SAFETY DATA SHEET

365A

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-3; Flammability-0; Reactivity 0; Special-		HMIS Rating: Health-3; Flammability-2; 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 SAFETY SOLVENT	
Prepared By: GS	MSDS Number: 365A	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*
Carbon Dioxide	124-38-6	no	5000 ppm	5000 ppm	d
*Dichloromethane	75-09-2	yes	25	5	NTP IARA
Isopropyl Alcohol	67-63-0	no	500	500	d
VOC: 0.5%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA	Specific Gravity (H2O=1): Conc. 1.468
Vapor Pressure: (PSIG @ 70° F (Aerosols): 85-100 psig)	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1):2.9	Evaporation Rate (BUAC=1): NA
Solubility in Water: Insoluble	Water Reactive: NO
Appearance and Odor: Clear, colorless spray with chlorinated solvent odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) Non-flammable	Auto Ignition Temperature NA	Flammability Limits in Air by % in Volume: %LEL: NA %UEL: NA
FLASH POINT AND METHOD USED (non-aerosols): NA	EXTINGUISHER MEDIA: Aerosol is not flammable. Foam, dry chemical, CO2.	
SPECIAL FIRE FIGHT PROCEDURES: Wear self contained breathing apparatus		
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 120°F or the 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: None	
Incompatibility (Mat. to Avoid): Strong oxidizing agents, reactive metals such as aluminum and magnesium.	
Hazardous Decomposition Products: CO, HCl, small amounts of phosgene and chlorine.	

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 checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS:
Inhalation: Headache, dizziness, nausea. If vapor conc. exceeds TLV, could cause unconsciousness or be fatal.
Eye contact: Mild irritation.
Skin contact: Possible mild irritation due to defatting of skin by chlorinated solvents.
Ingestion: Nausea, possible aspiration pneumonitis if vomited.
CHRONIC EFFECTS: Possible neural, kidney or liver dysfunction.
Medical conditions Generally Aggravated by Exposure: Rhythm disorders of the heart. Chronic liver and kidney diseases.
Carcinogenicity: Methylene Chloride has been shown to increase the rate on spontaneously occurring malignant tumors in laboratory mice and benign tumors in laboratory rats. It is not believed to pose a measurable carcinogenic risk to man when handled as recommended.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Get medical attention.
Skin Contact: Wash with soap and water. See physician if irritation develops.
Inhalation: Primary route of exposure. Remove to fresh air. Resuscitate if necessary
Ingestion: DO NOT INDUCE VOMITING. CALL PHYSICIAN. Give several large glasses of water.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor conc. exceeds TLV, wear respirator approved by Bur. of Mines.
Protective Gloves: Neoprene gloves recommended
Eye Protection: Safety glasses recommended.
Ventilation Requirements: Normal air circulation.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash hands before handling food.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Avoid breathing vapors. Soak up with absorbent materials. Incinerate or landfill according to local, state and federal regulations.
Waste Disposal Methods: Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal problems.
Precautions To Be Taken In Handling & Storage: Avoid breathing vapors. Do not puncture or incinerate container. Do not store 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

*Dichloromethane has been listed as a possible carcinogen by IARC and NTP.