

MATERIAL SAFETY DATA SHEET

790B

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-4; Flammability-0; Reactivity-1 ; Special-		HMIS Rating: Health-4; Flammability-0; Reactivity-1; Personal Protection-X	
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): CREST HTR-30 HEAT TINT REMOVER ULTRA HTR-30 HEAT TINT REMOVER	
Prepared By: GS	MSDS Number: 790B	Revision:	7/1/2006
Information Calls: (800)334-4420	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA		
Emergency Response Number: CHEMTEL 1(800)255-3924			

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*
Ammonium Bifluoride	1341-49-7	yes	6	3	No
Nitric Acid	7697-37-2	yes	4	2	No

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 215°F	Specific Gravity (H2O=1): 2.1
Vapor Pressure: (PSIG @ 70° F (Aerosols): NA	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): ND
Vapor Density: (Air=1): .62	Evaporation Rate (BUAC=1): 1
Solubility in Water: COMPLETE	Water Reactive: NO
Appearance and Odor: White paste / pungent 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) NA	None	%LEL: None	%UEL: None
FLASH POINT AND METHOD USED (non-aerosols): None T.C.C.			
EXTINGUISHER MEDIA: That compatible with environment			
SPECIAL FIRE FIGHT PROCEDURES: Wear self-contained breathing apparatus.			
Unusual Fire & Explosion Hazards: Solutions of the product are corrosive. Acid burns may not be immediately apparent.			

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): Glass, concrete, sulfides, cyanides, metals, alkalis.	
Conditions to Avoid: High heat	
Hazardous Decomposition Products: Oxides of nitrogen, hydrogen fluoride	

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 type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS:
Inhalation: Can cause nose and throat burns, which may not be immediately painful or visible.
Eye contact: Causes severe burns.
Skin contact: Causes sever burns which may not be immediately painful or visible.
Ingestion: Causes sever mouth, throat and stomach burns, can effect kidney function and be fatal if swallowed.
CHRONIC EFFECTS: None and joint changes.
Medical conditions Generally Aggravated by Exposure: Asthma

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush immediately with water for 15 minutes. Call a physician. Prompt medical attention is essential.
Skin Contact: Flush immediately with large quantities of water. Immerse, flush or apply compresses with iced 1% - 5% quaternary ammonia chloride in ethyl or isopropyl alcohol.
Inhalation: Move to fresh air. Get medical attention immediately!
Ingestion: Do not induce vomiting! Give large quantities of water followed by 1 oz. milk of magnesia or aluminum hydroxide gel in equal amounts of water or whites of 2-3 eggs; followed by milk or olive oil. Call a physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Use respirator approved by NIOSH for hydrogen fluoride gas.
Protective Gloves: PVC gloves
Eye Protection: Safety glasses or face shield.
Ventilation Requirements: Mechanical generally needed.
Other Protective Clothing & Equipment: Rubber apron and boots, long sleeve clothing.
Hygienic Work Practices: Wash with soap and water before eating, smoking or touching yourself.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Keep everyone away from the area. Wear full protective clothing described in Section 6. Ventilate area. Contain spill, then carefully dilute with water and cautiously neutralize with soda ash. Flush area according to applicable disposal regulations.
Waste Disposal Methods: Triple rinse container with cold water, then dispose of empty container and residual product according to federal, state and local regulations.
Precautions To Be Taken In Handling & Storage: Store in a tightly sealed container away from alkalis and excessive heat. Do not store in glass container.
Other Precautions &/or Special Hazards: Anyone who knows or suspects he has come into contact with this product should follow first aid directions and seek medical attention. KEEP OUT OF THE 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