

# MATERIAL SAFETY DATA SHEET

## SECTION I

Manufacturer's Name Spectrum Emerging Technologies, L.L.C.		EMERGENCY TELEPHONE NO. (800) 424-9300
ADDRESS (Number, City, State and ZIP Code) PO Box 1155, Cicero, NY 13039		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Spectrum CBR Aerosol Remover	
CHEMICAL FAMILY	FORMULA Proprietary Mixture	

## SECTION II HAZARDOUS INGREDIENTS

Paints, Preservatives, & Solvents	%	TLV(units)	Alloys And Metallic Coatings	%	TLV(units)
Pigments			Base Metal		
Catalyst			Alloys		
Vehicle			Metallic Coatings		
Solvents			Filler Metal+Coating or Core Flux		
Additives			Others		
Others			1,1,1,2-TETRAFLUROTHANE	35-40	1000 ppm
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV(units)
TOLUENE	CAS#108-88-3			45-55	200 ppm
XYLENE	CAS#1330-20-7			3-13	100 ppm
ACETONE	CAS#67-64-1			3-13	750 ppm

## SECTION III PHYSICAL DATA

Boiling Point (F.)	N/E	Specific Gravity (H <sub>2</sub> O = 1)	0.872
Vapor Pressure (mm Hg.)	68@ 70F	Percent Volatile By Volume (%)	95
Vapor density (Air = 1)	HEAVIER THAN AIR	Evaporation Rate ( BuAc = 1)	Less Than 1
Solubility in Water	INSOLUBLE		
Appearance and Odor	Clear liquid; Aromatic odor		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used) N/E	Flammable Limits N/E	Lel N/E	Uel N/E
Extinguishing Meda	Regular Foam, Carbon Dioxide, Dry Chemical		
Special Fire Fighting Procedures	wear self-contained breathing apparatus with full facepiece operated in confined areas		
Unusual Fire and Explosion Hazards	Vapor accumulation may flash and/or explode if ignited.		

## SECTION V HEALTH HAZARD DATA

Threshold Limit Value	100 PPM Per 8 hour day
Effects Of Overexposure	Inhalation: Mist may cause irritation of upper respiratory tract, headache dizziness, or nausea. Eye: May cause irritation. Skin: May be moderate irritant on prolonged contact
Emergency And First Aid Procedures	Inhalation: Remove to source of fresh air. Eye Contact: Flush with water for 15 minutes. Skin Contact: Wash with soap and water. Ingestion: Do not induce vomiting. Consult physician.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions To Avoid	Sources of ignition
	Stable		Heat sources	
Incompatibility (materials to avoid)		Strong oxidizers		
Hazardous Decomposition Products		Thermal Oxides of carbon		
Hazardous Polymerization	May Occur		Conditions To Avoid	
	May Not Occur	X	Static Electricity	

## SECTION VII SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled	Remove all sources of sparks and flames
Provide adequate ventilation. Apply dry oil absorbent type material to spilled product and dispose of properly.	
Waste Disposal Method	
Completely empty containers can be disposed of with other non-hazardous waste in accordance with applicable regulations	

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify type)	Organic vapor canister apparatus for confined areas		
Ventilation	Local Exhaust	recommended	Special
	Mechanical (General)	confined spaces	Other
Protective Gloves	Chemical resistant	Eye Protection	Safety glasses
Other Protective Equipment			

## SECTION IX SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing	Do not store near open flame or heat source.
Other Precautions	Do not incinerate

## SECTION X TRANSPORTATION

Shipping Description - Consumer Commodity
Class - ORM-D Ground shipments only