



Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication

HMIS SYMBOL

HEALTH	1
FLAMMABILITY	3
REACTIVITY	3

HMIS

SEVERE	4	EXTREME
SERIOUS	3	HIGH
MODERATE	2	MODERATE
SLIGHT	1	SLIGHT
MINIMAL	0	INSIGNIFICANT

NFPA

NFPA SYMBOL

TOXICITY	1	3	FIRE
SPECIAL			REACTIVITY

Product: MARC 849 INVERTED FLUORESCENT ORANGE SPRAY PAINT

Section I - GENERAL INFORMATION

Company	Mid-American Research Chemical Corp.	Telephone No. (402)564-7104	Fax No. (402)563-1290
Address	P O Box 927 Columbus NE 68602-0927	Date 09/07/06	Formula Trade Secret

Info Trac 24 Hour Emergency Telephone No. 1-800-535-5053

Section II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS Number	Exposure TLV (Units)	%(Optional)
VM&P Naphtha	64742-89-8	300 ppm	
Propane	74-98-6	2500 ppm	
Calcium Carbonate	1317-65-3	10 mg/m ³	
n-butane	106-97-8	800 ppm	
Mineral Spirits	64742-47-8	200 mg/m ³	
Isobutyl Acetate	110-19-0	150 ppm	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	-44° C (-47° F)	Specific Gravity (H ₂ O=1)	0.77 - 0.90
Vapor Pressure (mm Hg)	40 PSI, 2750 hPa	Melting Point (° F.)	N/A
Vapor Density (Air=1)	N/D	Evaporation Rate (Butyl Acetate=1)	N/A

Solubility in Water

Partial

Appearance and Odor

Orange paint, solvent odor.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

-19° C (-2° F)

Extinguishing Media

CO₂, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Fire Fighting Procedures

Wear protective equipment. Keep unprotected persons away.

Unusual Fire and Explosion Hazards

Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic charges.

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)

Section V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	Do not allow can to exceed 120° F. Stable at normal temperatures.
Incompatibility (Materials to Avoid)			
Hazardous Decomposition or Combustion By-Products No dangerous reactions known.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	None known.

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation <input checked="" type="checkbox"/>	Eyes/Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute & Chronic) (SEE SIGNS AND SYMPTOMS BELOW)			
EXTREMELY FLAMMABLE			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure			
SHORT-TERM: Causes irritation to the eyes, nose, throat, skin, and central nervous system. Symptoms may include dizziness, throat irritation, headache, fatigue, swelling of eyes, and nausea. CHRONIC: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.			
Medical Conditions Generally Aggravated by Exposure			
N/D			
Emergency and First Aid Procedures			

EYES: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. **SKIN:** Remove contaminated clothing. Wash exposed area with soap and water. **INGESTION:** Contact physician or poison control center. **INHALATION:** If breathing is difficult, administer oxygen.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled	
Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Do not allow product to reach sewage systems of ground water. Inform appropriate authorities in case of seepage into water course or sewage system.	
Waste Disposal Method	Harmful to aquatic organisms. Hazardous for water, do not empty into drains.
Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans cannot be disposed of with regular trash. Do not heat or cut empty containers with electric or gas torches. Empty cans should be recycled.	
Precautions to be Taken in Handling and Storing	DO NOT TAKE INTERNALLY.
Observe pressurized container storage regulations. Consult with local authorities. Keep away from sources of heat and direct sunlight. Do not expose to temperatures exceeding 50° C, (electric lights). Do not warehouse in subfreezing conditions.	
Other Precautions	
KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!	

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)	
Use suitable respiratory protective device in case of insufficient ventilation.	
Ventilation	Local Exhaust <input type="checkbox"/> Mechanical (General) <input type="checkbox"/>
Other	
Protective Gloves:	Glove material has to be impermeable & resistant to the substance.
Eye Protection:	Tightly sealed goggles.
Other Protective Clothing or Equipment	
No special measures required. If accidental release, wear protective equipment. Keep unprotected persons away.	
Work/Hygienic Practices	
Keep away from foodstuffs and animal feed. Wash hands after use.	

While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.