

(7901-11)

00902-3713

Material Safety Data Sheet
U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)

IDENTITY (As Used on Label and List): Casein Cad Red Deep, 00902-3713

Section I

Manufacturer's Name Jack Richeson & Co.		Emergency Telephone Number (800) 233-2404
Address (Number, Street, City, State, and ZIP Code) P.O. Box 160 Kimberly WI 54136		Date Prepared April 24, 2001

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Pigment Red 108, C.I. # 77202	.2 mg/M3 Cd	No info	No info	
Pigment RD 108:1, C.I. # 77202:1	.1 mg/M3 Cd	No info	No info	
Cadmium	No info	No info	No info	

Section III - Physical/Chemical Characteristics

Boiling Point: No info	Specific Gravity (H ₂ O = 1): 1.70
Vapor Pressure (mm Hg.): No info	Melting Point: No info
Vapor Density (AIR = 1): Heavier than air	Evaporation Rate (Butyl Acetate = 1): Slower than ether
Solubility in Water: Soluble	
Appearance and Odor: Opaque, viscous liquid with ammonia odor	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): No info	Flammable Limits:	LEL: No info	UEL: No info
Extinguishing Media: Foam, alcohol foam, CO ₂ , dry chemical, water fog, other			
Special Fire Fighting Procedures: Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Water should not be used except as fog to keep nearby containers cool.			
Unusual Fire and Explosion Hazards: None known			

Section V - Reactivity Data

Stability:	Unstable Stable: X	Conditions to Avoid: Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.
Incompatibility (Materials to Avoid): Alkaline materials, strong acids and oxidizing materials.		
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, oxides of nitrogen, and possibly acrolein.		
Hazardous Polymerization: Will not occur		

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation, Skin, Ingestion
Health Hazards (Acute and Chronic): Inhalation: Dizziness, breathing difficulty, headaches, and loss of coordination. Eye contact: Severe irritation, tearing, redness, and blurred vision. Skin contact: Can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion: Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea. See warning below for chronic health hazards.

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Carcinogenicity: WARNING: DO NOT SPRAY APPLY – This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.	NTP? No info	IARC Monographs? No info	OSHA Regulated? No info
Signs and Symptoms of Exposure: See above.			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: Inhalation exposure: Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention. Eye contact: Flush with large quantities of water for 15 minutes. Skin contact: Wash thoroughly with soap and water and see a doctor. Ingestion: Do not induce vomiting, can cause chemical pneumonitis and pulmonary edema. Contact physician immediately.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Eliminate ignition sources, provide good ventilation, dike spill area and add absorbent earth or sawdust to spilled liquid. Thoroughly wet with water and mix.
Waste Disposal Method: Collect absorbent/water/spilled liquid mixture into metal containers and add enough water to cover. Consult local, state, and federal hazardous waste regulation before disposing into approved hazardous waste landfills. Obey relevant laws.
Precautions to be Taken in Handling and Storing: Use non-sparking utensils when handling this material. Avoid hot metal surface. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames.
Other Precautions: Smoking in area where this material is used should be strictly prohibited. Tools used with this material should be made from aluminum, brass or copper. Plastic utensils should not be used. NOTE: This information is accurate to the best knowledge of Creative Art Products, Inc., but is furnished without any expressed or implied warranties.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>): Do not spray apply. When using this material use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.	
Ventilation: General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion-proof.	
Protective Gloves: Impermeable chemical handling gloves for skin protection	Eye Protection: Use chemical safety glasses, goggles, and faceshields for eye protection.
Other Protective Clothing or Equipment: Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps whenever possible is strongly recommended.	
Work/Hygienic Practices: Eye washes and safety showers in the workplace are recommended.	