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MATERIAL SAFETY DATA SHEET

The John G. Marshall Mfg. Co., Inc.
P.O. Box 649
Deerfield, IL 60015

DATE OF PREP

EMERGENCY TELEPHONE NO. 312-478-7111

7-1-88

INFORMATION TELEPHONE NO. 312-478-7111

SECTION I

00426-4304

PRODUCT NUMBER: #7

PRODUCT NAME: Cadmium Yellow Photo Oil Colors

PRODUCT CLASS: Color in Oil.

Revd 02/20/98

SECTION II — HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PERCENT	OCCUPATIONAL EXPOSURE LIMITS	VAPOR PRESSURE	TOXICITY DATA
Ethyl Alcohol	64-17-5	<0.5%	TLV 1000 PPM	mm Hg 40	TDL 50mg/kg
Alumina Hydrate	21645-51-2	6.6%	High (IPR)		TDL 122 mg/kg/40
Cadmium Zinc Sulfide	8048-07-5	48.2%	.05mg/m ³	.02 mg/m ³	LD ₅₀ 5g/kg

V-457

SECTION III — PHYSICAL DATA

BOILING RANGE: N/A VAPOR DENSITY: HEAVIER LIGHTER THAN AIR
 EVAPORATION RATE: FASTER THAN ETHER PERCENT VOLATILE BY VOLUME: 0.5%
 SLOWER THAN ETHER WEIGHT PER GALLON: 12.9 lbs/gal.

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA IIIA FLASH POINT: 152°F LEL:
 DOT _____
 EXTINGUISHING MEDIA: FOAM "ALCOHOL" FOAM CO₂ DRY CHEMICAL WATER OTHER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Rags and waste paper containing this material may heat and burn spontaneously. Store wiping materials in metal cans with tight lids; soak with water.

SPECIAL FIREFIGHTING PROCEDURES: Avoid use of water, but if only alternative, implement. Use water to keep fire-exposed containers cool. Overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Full protection equipment including self-contained breathing apparatus should be used.

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SECTION V — HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Extended and prolonged inhalation of dusts from Cadmium compounds may cause delayed effects involving the respiratory and renal systems. Eye contact may cause redness and tearing. Sensitive individuals may experience dermatitis, after long exposure on skin.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Not available. Not believed to be acutely toxic. May cause effects of chronic Cadmium toxicity.

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES: INGESTION: Give large quantities of water, induce vomiting. Call a physician. EYE CONTACT: Flush with clean lukewarm water for at least 15 minutes, occasionally lifting eyelids. SKIN CONTACT: May be removed from skin with waterless cleaner followed by washing with soap and warm water. INHALATION: Expose individual to fresh air source.

SECTION VI — REACTIVITY DATA

STABILITY: UNSTABLE STABLE Spontaneous combustion can occur.

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Fire conditions or above 1000°F may emit SO₂ Gas and Cadmium Oxide fumes. H₂S gas in contact with strong acids

CONDITIONS TO AVOID: Fire conditions and contact with strong acids. Sanding of films can create dust containing Cadmium, use respirator.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, acids, violent reaction with Cl₂, Chlorinated rubber.

SECTION VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills can be picked up with absorbent material, transferred into closed metal container for disposal as hazardous wastes. Large spills can be scooped up and salvaged.

WASTE DISPOSAL METHOD: Treat as hazardous material. Dispose of in accordance with Federal, State and Local Regulations.

SECTION VIII — SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Not normally needed unless product is being sprayed; then use respiratory devices approved by NIOSH/MSHA for protection against spray mist and vapors.

VENTILATION: Intermittent clean air exchanges recommended.

PROTECTIVE GLOVES: Neoprene rubber gloves.

EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: Wash contaminated clothing, discard contaminated shoes.

HYGIENIC PRACTICES: Wash thoroughly before eating, smoking or chewing gum. Do not apply product to any materials or containers used for the food industry.

SECTION IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store near any food or food products. Avoid accumulation of contaminated rags or wiping materials by immediately soaking them in water and collect in metal container for disposal.

OTHER PRECAUTIONS: The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.