

**MATERIAL SAFETY DATA SHEET**FOR COATINGS, RESINS AND RELATED MATERIALS  
(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA 201)00426-6523  
-6524

DATE OF PREP

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

EMERGENCY TELEPHONE NO. 312-478-7111 (DAY)

2-1-88

INFORMATION TELEPHONE NO. 312-478-7111

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**SECTION I**

PRODUCT NUMBER: #15

PRODUCT NAME: Cobalt Violet Photo Oil Color

PRODUCT CLASS: Color in oil.

**SECTION II — HAZARDOUS INGREDIENTS**

INGREDIENT	CAS #	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE		TOXICITY DATA
			TLV	PEL	mm	Hg	
Ethyl Alcohol	64-17-5	>0.5%	1000 PPM		40		TDL. 50 mg/kg
Alumina Hydrate	21645-51-2	45.0%	High (IPR)				TDL. 122 mg/kg/4D

**SECTION III — PHYSICAL DATA**

BOILING RANGE: N/A

VAPOR DENSITY:  HEAVIER  LIGHTER THAN AIRVAPORATION RATE:  FASTER THAN ETHER

PERCENT VOLATILE BY VOLUME: 0.5%

 SLOWER THAN ETHER

WEIGHT PER GALLON: 10.1 lbs/gal.

**SECTION IV — FIRE AND EXPLOSION HAZARD DATA**FLAMMABILITY CLASSIFICATION: OSHA III A  
DOT \_\_\_\_\_

FLASH POINT: 147°F.

LEL: ----

EXTINGUISHING MEDIA:  FOAM  "ALCOHOL" FOAM  CO<sub>2</sub>  DRY CHEMICAL  WATER FOG  OTHER

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.

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**SECTION V — HEALTH HAZARD DATA**


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**EFFECTS OF OVEREXPOSURE:** Inhalation of product may cause mild irritation of nose and throat. Eye contact may cause redness and tearing. Sensitive individuals may experience dermatitis, after long exposure on skin. Ingestion of large amounts may cause gastro-intestinal upset.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** None reported.

**PRIMARY ROUTE(S) OF ENTRY:**  DERMAL  INHALATION  INGESTION

**EMERGENCY AND FIRST AID PROCEDURES:** **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. **INGESTION:** Keep person warm and quiet; seek medical advice for prevention of possible dehydration.

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**SECTION VI — REACTIVITY DATA**


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**STABILITY:**  UNSTABLE  STABLE Spontaneous combustion can occur.

**HAZARDOUS POLYMERIZATION:**  MAY OCCUR  WILL NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may yield carbon dioxide and/or carbon monoxide, ammonia, hydrogen cyanide and NO<sub>x</sub>.

**CONDITIONS TO AVOID:** Keep from contact with oxidizing materials.

**COMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with strong oxidizing agents: violent reaction with Cl<sub>2</sub>, chlorinated rubber.

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**SECTION VII — SPILL OR LEAK PROCEDURES**


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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Small spills can be picked up with absorbent material and transferred into closed metal containers and soaked with water. Large spills can be scooped up and put into containers and salvaged.

**WASTE DISPOSAL METHOD:** Carefully incinerate or use secure landfill or special waste landfill in accordance with local, state and federal regulations.

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**SECTION VIII — SAFE HANDLING AND USE INFORMATION**


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**RESPIRATORY PROTECTION:** Not normally needed.

**VENTILATION:** Intermittent clean air exchanges recommended.

**PROTECTIVE GLOVES:** Neoprene rubber gloves.

**FACE PROTECTION:** Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** Prevent repeated or prolonged skin contact.

**HYGIENIC PRACTICES:** Eyewashes in the workplace are recommended.

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**SECTION IX — SPECIAL PRECAUTIONS**


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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid accumulation of contaminated rags or wiping materials by immediate immersion in water.

**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 the product. This Material Safety Data Sheet is accurate and reliable to the best of our knowledge and belief and relates only to the specific material designated in and does not relate to use in combination with any other material or in any process.