

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** MARSHALL CADMIUM ORANGE      **DATE:** 01-01-13  
**PRODUCT CODE(S):** PHOTO OIL COLOR  
MS2CO, MS4CO, MSPCO

**MANUFACTURER:** **SECTION I PRODUCT IDENTIFICATION**  
OMEGABRANDESS DISTRIBUTION  
626 HANOVER PIKE, SUITE 102  
HAMPSTEAD, MD 21074

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS 410-374-3250

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT CLASS:** COLOR IN OIL  
**SYNONYMS:** NONE

**SECTION II HAZARDOUS INGREDIENTS**

COMPONENTS	CAS #	OSHA PEL	ACHIG TLV	WGT %
Ethyl Alcohol	64-17-5	1000	1000 ppm	<1%
Alumina Trihydrate	14762-49-3	5 ppm	10 ppm	<13%
Cadmium Sulfo-Selenide	58339-34-7	0.2 mg/m <sup>3</sup>	0.5mg/m <sup>3</sup>	<48.2%

**SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A  
**COLOR:** Orange  
**VAPOR PRESSURE (mm Hg)** 40  
**SOLUBILITY IN WATER:** <1%  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 153°F SETA  
**FLAMMABLE LIMITS:** OSHA III A  
**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL.  
**SPECIAL FIRE FIGHTING INSTRUCTIONS:** AVOID USE OF WATER. IMPLEMENT IF ONLY ALTERNATIVE. WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. RAGS AND WASTE PAPER CONTAINING THIS MATERIAL MAY HEAT AND BURN SPONTANEOUSLY. STORE WIPING MATERIAL IN METAL CANS WITH TIGHT LIDS. SOAK WITH WATER.

**SECTION V REACTIVITY DATA**

**CONDITIONS TO AVOID:** FIRE CONDITIONS AND CONTACT WITH STRONG ACIDS. OXIDIZING MATERIALS; VIOLENT REACTIONS TO CL<sub>2</sub>, CHLORINATED

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RUBBER. SANDING OF FILMS CAN CREATE DUST CONTAINING CADMIUM.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** ABOVE 1000°F MAY EMIT SO<sub>2</sub> GAS AND CADMIUM OXIDE FUMES. H<sub>2</sub>S GAS WITH STRONG ACIDS.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR. SPONTANEOUS COMBUSTION MAY OCCUR.

**SECTION VI HEALTH HAZARD DATA**

**CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY:** REPEATED AND PROLONGED INHALATION OR INGESTION OF CADMIUM COMPOUNDS MAY CAUSE DELAYED EFFECTS INVOLVING THE RESPIRATORY AND RENAL SYSTEMS. NOT LISTED AS A CARCINOGEN BY NTP, IARC AND IS NOT REGULATED BY OSHA.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN IMMEDIATELY.

**SKIN:** MAY BE REMOVED FROM SKIN WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING AFFECTED AREA WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, CONSULT A PHYSICIAN.

**IF SWALLOWED:** GIVE LARGE QUANTITIES OF WATER, INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IF SPILLED OR RELEASED:** SMALL SPILLS SHOULD 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 METAL CONTAINERS AND SALVAGED.

**WASTE DISPOSAL METHOD:** CAREFULLY INCINERATE OR USE SECURE LANDFILLS OR SPECIAL WASTE LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

**STORAGE AND HANDLING:** AVOID ACCUMULATION OF CONTAMINATED RAGS OR WIPING MATERIALS BY IMMEDIATE IMMERSION IN WATER.

**SECTION VIII CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NOT NORMALLY NEEDED, UNLESS SPRAYING

**VENTILATION:** RECOMMENDED

**EYES:** WEAR CHEMICAL SAFETY GOGGLES

**PROTECTIVE GLOVES:** NEOPRENE RUBBER GLOVES. PREVENT REPEATED OR PROLONGED SKIN CONTACT.

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