



SECTION 1: MATERIAL IDENTIFICATION

PRODUCT DESCRIPTION: Fine Orange Powder
PRODUCT NAME: MayaCrom[®] Orange OR2800
MANUFACTURER: Mayan Pigments, Inc.
TELEPHONE: (915)747-8847
FAX: (915)747-6007
HMIS CODE: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0
MATERIAL USE: Coatings, Plastics, Colorant

SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY IDENTIFICATION

INGREDIENT: Hydrous Magnesium Aluminum Silicate (CAS# 12174-11-7), Silica, Crystalline Quartz (respirable, <1%). (CAS# 14808-60-7), Proprietary pigment, 1-30%.

SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

PHYSICAL PROPERTIES - Solid (Powder)
SPECIFIC GRAVITY - Approximately 2.04
pH RANGE - 8-9
BOILING POINT - N/A
MELTING POINT N/A
SOLUBILITY IN WATER - Sparingly soluble
VAPOR DENSITY - N/A
VAPOR PRESSURE - N/A
VOLATILE BY VOLUME - N/A
APPEARANCE/ODOR: Orange / odorless

SECTION 4: FIRE & EXPLOSION HAZARD

GENERAL INFORMATION: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
EXTINGUISHING MEDIA: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
FLASH POINT: : Pigment Not Flammable; Polyethylene wax >500°C
AUTOIGNITION TEMPERATURE: N/A
EXPLOSION LIMITS, LOWER: N/A
UPPER: N/A

SECTION 5: REACTIVITY DATA

STABILITY - Stable under normal temperatures and pressures.
HAZARDOUS POLYMERIZATION - Has not been reported.
INCOMPATIBILITY - Strong oxidizing agents.
CONDITIONS TO AVOID - Incompatible materials, strong oxidants.
HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, carbon monoxides, irritating and toxic fumes and gases, carbon dioxide, hydrogen chloride.

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SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: Inhalation. Eye Contact. Ingestion.

MayaCrom® Orange OR2800 may contain crystalline silica. IARC has concluded that there is limited evidence for the carcinogenicity of crystalline silica to humans and sufficient evidence for the carcinogenicity of crystalline silica to experimental animals (IARC Class 2A). The NTP has concluded that "silica, crystalline (respirable)" may reasonably be anticipated to be a carcinogen, based on sufficient evidence for the carcinogenicity of respirable crystalline silica in experimental animals and limited evidence in humans.

SECTION 7: PRECAUTIONS FOR SAFE USE & HANDLING

VENTILATION - Good general ventilation is sufficient in most cases.

SKIN PROTECTION - Lab Coat, Plastic Gloves.

RESPIRATORY PROTECTION - Respiratory protection needed if ventilation is not adequate.

EYE PROTECTION - Wear appropriate eyeglasses or chemical safety goggles.

CLOTHING - Wear appropriate protective gloves to prevent skin exposure.

HANDLING - Avoid creating and breathing dust. Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

STORAGE - Store in a cool, dry, well ventilated area. Keep container closed when not in use.

SPILLS/LEAKS - Clean up spills immediately. Use dustless methods (vacuum) and place in closable container for disposal.

WASTE DISPOSAL: Dispose in accordance with Federal, State, and Local regulations.

OTHER PRECAUTIONS:

Use dustless systems for handling, storage, and clean up so that airborne dust does not exceed the PEL.

Use adequate ventilation and dust collection. Practice good housekeeping. Do not permit dust to collect in walls, floors, sills, ledges, machinery, or equipment. Maintain, clean and fit test respirators in accordance with OSHA regulations. Maintain and test ventilation and dust collection equipment. Wash or vacuum clothing which has become dusty.

SECTION 8: EMERGENCY FIRST AID PROCEDURES

INHALATION - Remove person immediately to fresh air. If breathing has stopped, use CPR and call for emergency medical attention. If symptoms persist, obtain medical attention immediately.

EYE CONTACT - Flush with large amounts of water for at least 15 minutes and seek medical attention if irritation persists.

SKIN CONTACT - Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing.

INGESTION - Seek medical attention.

SECTION 9: REGULATORY INFORMATION

TSCA

CAS# 14808-60-7 is listed on the TSCA inventory.

CAS# 12174-11-7 is a natural material (clay).

The proprietary pigment is listed on the TSCA inventory.

SECTION 10: PREPARATION OF MSDS

PREPARED BY: MAYAN PIGMENTS, INC.

SOURCES: THE INFORMATION USED TO PREPARE THIS MATERIAL SAFETY DATA SHEET IS BASED ON INFORMATION PROVIDED BY OUR RAW MATERIAL SUPPLIERS.

The information and recommendations on this Material Safety Data Sheet have been compiled from sources believed to be reliable and which represent the most current data in our possession on the subject at the date that this MSDS was prepared. No warranty or guarantee, expressed or implied, is made as to the accuracy or completeness of the data contained herein.

The user should consider the data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety of employees.

Revised June 5, 2009