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**MAYCO MSDS
North American:
Plaster Molds & Tools**

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Prepared: March 1, 2010
 Supersedes: All previous
 Manufacturer: Mayco Colors
 Division of Coloramics, LLC
 4077 Weaver Court South
 Hilliard, Ohio 43026
 United States of America

Distributor Contacts:

USA _____ Local Phone _____
 Australia _____ Local Phone _____

IN CASE OF EMERGENCY PLEASE CONTACT YOUR LOCAL POISON CONTROL CENTER

Prepared by: MSDS department
 Information Telephone Number: 614-876-1171

Cardinal Molds CD-1072, CD-1073, CD-1074, CD-1075, CD-1076, CD-1077, CD-1078, CD-1079, CD-509+, CD-510+, CD-522, CD-523, CD-524, CD-527, CD-529, CD-532, CD-562, CD-563, CD-564, CD-565, CD-576, CD-587, CD-588, CD-589, CD-591, CD-600, CD-602, CD-603+, CD-604+, CD-605, CD-606, CD-607, CD-620, CD-643, CD-644+, CD-645, CD-647, CD-651+, CD-662, CD-664, CD-665, CD-668, CD-670, CD-671, CD-672, CD-673, CD-678, CD-694, CD-697, CD-699, CD-705, CD-706, CD-709, CD-712, CD-714, CD-715, CD-716, CD-720, CD-721, CD-723, CD-724, CD-725, CD-726, CD-727, CD-728, CD-730, CD-732, CD-739, CD-744, CD-745, CD-746, CD-750, CD-752, CD-759, CD-760, CD-761, CD-762, CD-765, CD-767, CD-773, CD-774, CD-775, CD-776, CD-777, CD-778, CD-779, CD-780, CD-781, CD-782, CD-785, CD-787, CD-789, CD-791, CD-792, CD-793, CD-794, CD-795, CD-796, CD-801, CD-802, CD-803, CD-805, CD-806, CD-809, CD-814, CD-815, CD-816, CD-818, CD-819, CD-827, CD-828, CD-829, CD-848, CD-849, CD-850, CD-851, CD-852, CD-856, CD-857, CD-859, CD-879, CD-893, CD-897, CD-898, CD-899, CD-900, CD-901, CD-902, CD-903, CD-905, CD-906, CD-907, CD-908, CD-911, CD-912, CD-913, CD-914, CD-915, CD-916, CD-954, CD-955, CD-956, CD-957, CD-958, CD-967, CD-968, CD-969, CD-970, CD-971, CD-972, CD-973, CD-974

Castables CD-1175, CD-1176, CD-1177, CD-1178, CD-1179, CD-1180, CD-1181, CD-1182

Mayco Molds 4012, 4025, 4026, 4148, 4194, C-1214, C-1968, C-1968A, C-2705, C-2706, C-2707, C-2897, CD-1127, CD-1128, CD-1129, CD-1146, CD-1147, CD-1148, CD-1149, CD-1150, CD-1151, CD-1152, CD-1156, CD-1216, CD-1217, CD-1218, CD-1219, CD-1220, CD-1221, CD-1222, CD-1223, CD-1256, CD-1257, CD-1258, CD-1259, CD-1260, CD-1261, CD-1262, CD-1263, CD-1264, CD-1265, M-1310, M-1457, MO-910

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS	ACGIH TLV	OSHA PEL
Crystalline Silica	14808-60-7	0.10mg/m ³	0.10mg/m ³

Plaster of Paris	26499-65-0	N/A	N/A
Water	7732-18-5	N/A	N/A

SECTION 3: HAZARDS IDENTIFICATION

Crystalline Silica may be present.
(OSHA PEL 0.10 mg/m³)

Route(s) of Entry: Ingestion, absorption through the skin is negligible.

Inhalation only if dust is created.

Health Hazards (acute and chronic): Prolonged inhalation of silica, in excess of TLV, over an extended period of time may result in injury to the lungs.

SECTION 4: FIRST AID MEASURES

- If inhaled: Remove from exposure
- If on skin: Wash skin with soap and water
- If in eyes: Flush eyes with large quantities of water for at least 15 minutes. If irritation persists after washing, contact a physician.
- If swallowed: Dilute by drinking water

SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used)	N/A
LEL	N/A
UEL	N/A
Flammable Limits	N/A
Extinguishing Media	None required
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Uncontaminated material may be recovered and re-used. If contaminated, scoop, vacuum, or wash into a receptacle for disposal.

Waste Disposal Method: Follow Federal or State and Local regulations for disposal.

Testing of the waste may be required to determine status under the hazardous waste regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING AND USE:

- Do not smoke, eat or drink while handling.
- Avoid the creation of dust. If dust is present avoid breathing it in or contact with eyes.
- Wear appropriate eye and respiratory protection.

Waste Disposal Method: Follow Federal or State and Local regulations for disposal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Respiratory Protection:** Use a NIOSH approved dust and/or fume respirator in poorly ventilated areas and if TLV is exceeded.
- **Protective Gloves:** Not normally needed, use latex gloves if you are sensitive to plaster products.
- **Eye Protection:** Wear appropriate eye protection or safety glasses to keep dust out of eyes
- **Other Protective Clothing or Equipment:** Wear appropriate clean, protective clothing such as, but not limited to, overalls, smocks, and aprons.
- **Work/Hygienic Practices:** Food, beverages, and smoking materials should not be in the work area. Hygiene is very important. Wash thoroughly before eating, drinking, smoking, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White
Odor/Odor Threshold:	Negligible
PH:	approximately 7.0
Boiling Point:	None
Vapor Pressure:	N/A
Vapor Density:	N/A
Melting Point:	above 2500°F
Specific Gravity (H ₂ O=1):	approximately 2.95
Flammable Limits:	None
Explosive limits:	None
Partition Coefficient:	None
Oxidizing Properties:	None
Solubility in Water:	.15 - .40 plaster of paris
Percent Volatile by Volume:	None
Evaporation Rate:	None
Freezing point:	N/A
Flash Point:	None
Auto ignition temperature:	None

SECTION 10: STABILITY AND REACTIVITY DATA

- Incompatibility: Acids.
- Stability: Stable
- Hazardous Decomposition or by-products: N/A
- Hazardous Polymerization: Will not occur
- Conditions to avoid: Acids. Exposure to acids must be supervised as reactions may be vigorous and produce large amounts of heat..

SECTION 11: TOXICOLOGY INFORMATION

Hazard to Humans: As packaged and provided by the manufacturer: None during normal use.

The following warnings apply **IF AND ONLY IF** large amounts of dust created from product degradation and/or abrasion are present:

WARNING: CONTAINS QUARTZ.

1. Possible cancer agent based on tests with laboratory animals.
2. Exposure may cause lung damage.
3. Keep out of reach of children; avoid inhalation.

This product contains chemicals known to the State of California to cause cancer.

Health Hazards (acute):

The sulfate ion has caused gastro-intestinal disturbance in humans following large oral doses. Limited studies involving the repeated inhalation of an (unspecified) calcium sulfate failed to identify any particular target organs in monkeys, rats and hamsters. No evidence of mutagenicity was found in Ames bacterial tests.

Plaster of paris:

Oral LD50 rat > 5000 mg/kg;
 Dermal LD50 – None Determined;
 Skin Irritation LD50 – None Determined;
 Eye Irritation LD50– None Determined

Health Hazards (chronic):

Plaster of Paris: Testing of dust from USG plaster of paris has not detected respirable crystalline silica.

Exposures to respirable crystalline silica are not expected during the normal use of this product; however, actual levels must be determined by workplace hygiene testing. The weight percent of respirable crystalline silica may not have been measured in this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration. These products have been certified by a toxicologist as NON TOXIC.

SECTION 12: ECOLOGICAL INFORMATION

Mobility:	N/A
Persistence/Degradability:	N/A
Bioaccumulation:	N/A
Ecotoxicity:	N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of material in accordance with federal, state, and local regulations.

SECTION 14: TRANSPORTATION INFORMATION

UN Number: None for this product.

SECTION 15: REGULATORY INFORMATION

Silica is listed by California, Proposition 65.

Silica is listed on the IARC, OSHA or NTP carcinogen list.

All ingredients are on U.S. TSCA / EC / AICS / DSL Inventory.

Plaster of Paris is not listed as a hazardous material.

See local requirements.

SECTION 16: ADDITIONAL INFORMATION

The following pertains **ONLY to Plaster of Paris as dry material:**

When mixed with water, this material hardens and becomes very hot – sometimes quickly. **DO NOT** attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions can cause severe burns that may require surgical removal of affected tissue or amputation of limb. Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to dust. Use in a well-ventilated area or provide sufficient local ventilation. If dusty, wear a NIOSH/MSHA-approved dust respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. Wash with soap and water after use. Do not ingest. If ingested, call physician. **KEEP OUT OF REACH OF CHILDREN.**

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