

MAYCO MSDS SHEET #3  
Active Products

Rec'd Oct 2005

407317, 318, 319, 321, 322  
407324, 325, 326, 327, 328  
407330, 331, 333, 334, 336  
407337, 339, 340, 342  
407343 + 345

**SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION**

Prepared: September 22, 2003  
Supersedes: All previous  
Manufacturer: MAYCO COLORS division of Coloramics, LLC  
4077 Weaver Court South  
Hilliard, Ohio 43026  
United States of America  
Distributor: USA \_\_\_\_\_ Local Phone \_\_\_\_\_  
EC \_\_\_\_\_ 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

**CERAMIC GLAZE(S) AND UNDERGLAZES AND MISCELLANEOUS.**

Astro Gem Glazes AS-510, 512, 513, 515, 516, 518, 519, 520, 521, 523, 524, 527, 531, 532, 534, 535, 539, 541, 545, 547, 548, 551  
One Stroke Colors OS-1, 2, 3, 4, 6, 8, 9, 17, 18, 21, 26, 29, 32, 34, 36, 38, 41, 43, 44, 45, 46, 47, 48, 52, 54, 58, 59, 60, 61, 62, 63, 65, 66, 104, 105, 132, 136, 137, 138, 140, 142, 143, 144, 147, 153  
Underglazes UG-1, 2, 3, 7, 8, 10, 11, 12, 15, 17, 18, 19, 21, 22, 24, 25, 26, 27, 30, 31, 32, 33, 34, 35, 37, 38, 39, 41, 42, 43, 45, 46, 50, 51, 52, 53, 56, 57, 58, 67, 68, 69, 70, 71, 72, 73, 75, 78, 80, 81, 82, 83, 84, 85, 86, 87, 89, 90, 91, 92, 93, 94, 95, 97, 98, 100, 103, 104, 105, 108, 109, 110, 111, 116, 119, 125, 127, 128, 130, 131, 136, 141, 142, 144, 145, 146, 150, 178, 180, 181, 189, 191, 192, 194, 195, 196, 198, 201, 202  
Pottery Coats PC-501 through PC-505  
Pottery Coat Stuccos PS-551 through PS-555  
Pottery Cascades PC-601 through PC-604  
Miscellaneous AC-306, AC-308  
Series 2000 Glazes \*S-2101-2168 and S2170  
S-2560, 2561, 2562, 2564, 2565, 2566, 2574, 2577, 2578, 2579, 2580, 2581, 2585  
S-2587, 2588, 2589, 2590, 2591, 2592, 2593  
\*Excluding: S-2104, 2105, 2122, 2130, 2168, and 2586  
Series 2000 Mattes \*S-2200, 2201, 2208, 2209, 2218, 2223, 2226, 2227, 2228, 2229, 2230, 2231, 208, S-2232, 2233, 2234, 2235, 2236, 2237, 2239, \*Excluding S-2224, S-2225,  
Stroke & Coat Series - All Stroke and Coat (SC's) except SC-23, 58, 59, 62, 24, 20, 4, 67, 68, 50, SP-204, SD-304, SD-323 all SP series except SP-204  
Specstone Glazes S-2167, 2169, 2401, 2402, 2408, 2421, 2422, 2423, 2424, 2425, 2427  
Crystalites S-2701 through S-2718 & S-2719, S-2722, S-2723  
Roll a Coat SC-210  
Elements EL-101 through EL-118, 119, 120, 121

Chunky Elements EL-201 through EL-209  
 Classic Crackles CC-500 through CC-507  
 Clear Glaze S-2000, S-2101, SC-209, S-007  
 Stoneware Like Glaze - SLG-02, 06, 17

## **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS	ACGIH	OSHA TLV	PEL
Alumina Silicate	1332-58-7		NA	NA
Bentonite / Clay	1302-78-9		NA	NA
Water	7732-18-5		NA	NA

## **SECTION 3: HAZARDS IDENTIFICATION**

Crystalline Silica may be present.

(OSHA PEL .1mg/m<sup>3</sup>)

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

Inhalation only if sprayed.

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, not combustible.

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**

Engineer Control - None

Work practices- Store away from feed and food. Do not smoke, eat or drink while handling.

Procedure / equipment- None

Procedure for leaks or spills: 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.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Use of the following protective measures are strongly recommended if the glazes are to be applied by spraying.

The Work/Hygienic Practices apply regardless of the method of application.

Respiratory Protection (Specify Type): Use a NIOSH approved dust and/or fume respirator as necessary.

Ventilation: Local Exhaust - for spraying

Protective Gloves: N/A

Eye Protection: for spraying

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: Various colors

Odor and odor threshold: Negligible

PH: Not available

Boiling Point: None

Vapor Pressure: NA

Vapor Density: NA

Melting Point: above 1000oF

Specific Gravity (H<sub>2</sub>O=1): 1.4 to 1.6

Flammable Limits: None

Explosive limits: None

Partition Coefficient: None

Oxidizing Properties: None

Solubility in Water: Negligible

Percent Volatile by Volume: None

Evaporation Rate: None

Freezing point: NA

Flash Point: None

Auto ignition temperature: None

## **SECTION 10: STABILITY AND REACTIVITY DATA**

Incompatibility (material to avoid): Avoid fumes from firing by venting kiln area.

Stability: Stable (conditions to avoid: N/A)

Hazardous Decomposition or Byproducts: Not available

Hazardous Polymerization: Will not occur

Conditions to avoid: Fumes from firing in kiln. Inhalation of spray.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Hazard to Human:** None during normal use. Harmful if inhaled or swallowed.

**DO NOT SPRAY APPLY**

If glaze is spray applied the following warnings apply: 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 and chronic): Prolonged inhalation of silica, in excess of TLV, over an extended period of time may result in injury to the lungs.

Additional information: Frits are fused silica glass like substances. The bioavailability may be limited because of the physical nature of the frit.

## **SECTION 12: ECOLOGICAL INFORMATION**

Mobility: Not Available

Persistence/degradability: Not Available

Bioaccumulation: Not Available

Ecotoxicity: Not Available

For more information in AUSTRALIA see web site [www.nohsc.gov.au](http://www.nohsc.gov.au)

## **SECTION 13 DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Follow your Federal or State and Local regulations for disposal. Lead is listed in US-EPA Code of Federal Regulations 40, Part 261.24. Testing of the waste may be required to determine status under the hazardous waste regulations.

Waste from residue/unused product: Can be landfilled according to local regulations.

Contaminated packing: Can be landfilled according to 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.  
See local requirements.

EU Status:

Symbol- None

WHMIS Status: Not Controlled

#### **SECTION 16 ADDITIONAL INFORMATION**

This information is furnished with out warranty, representation, inducement or license of any

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