

**MAYCO MSDS
STROKE & COAT PRODUCTS
Active Products**

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Prepared: March 3, 2006
 Supersedes: All previous
 Manufacturer: MAYCO COLORS
 Division of Coloramics, LLC
 4077 Weaver Court South
 Hilliard, Ohio 43026
 United States of America

Distributor Location	Distributor	Local Phone
USA		
EC		
Other		

**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 UNDERGLAZE(S):

Stroke & Coat: ALL
 Speckled
 Stroke & Coat: ALL

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: CAS ACGIH OSHA TLV PEL

*Cadmium Pigments in insoluble form	12656-57-4 & 58339-34-7	Cadmium .01mg/m3	0.2mg/m3
Bentonite/Clay	1302-78-9	NA	NA
Water	7732-18-5	NA	NA
Alumina Silicate	1332-58-7	NA	NA
Zirconium Compounds	7782-49-2	0.2mg/m3	0.2mg/m3

*All references to Cadmium on this MSDS apply to:

- SC-23, 58, 59, 62, 24, 20, 4, 67, 68, 50, 73, 74 , 80
- SP-204, 274, 223

SECTION 3: HAZARDS IDENTIFICATION

Product contains insoluble cadmium pigments.

Crystalline silica may also be present.

(OSHA PEL .1mg/m³)

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.

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

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 1000° F

Specific Gravity (H₂O=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.

NOTE: All Stroke N Coat and Speckled Stroke N Coat Glazes have been certified by a toxicologist to be NON TOXIC and DO NOT require PROP 65 Warning on the label.

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. The cadmium pigments used are encapsulated in a zirconium matrix. A toxicologist has certified these products as NON TOXIC.

SECTION 12: ECOLOGICAL INFORMATION

Mobility: Not Available

Persistence/degradability: Not Available

Bioaccumulation: Not Available

Ecotoxicity: Not Available

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.

For cadmium UN number is 2570, guide number is 53

SECTION 15: REGULATORY INFORMATION

Silica and cadmium are listed by California, Proposition 65

Silica and cadmium are 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 for Frit

For Cadmium compounds

Harmful (xb)

R 20/21/22 - Harmful by inhalation and if swallowed

WHMIS Status : Not Controlled

SECTION 16: ADDITIONAL INFORMATION

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