

Material Safety Data Sheet (MSDS)

This Material Safety Data Sheet complies with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200

SECTION 1 Material Identification

| | |
|-------------------------------|---|
| Product Name | Countertop Add Mix |
| MSDS REVISION NUMBER | N/A |
| MSDS Created By | Amie Trudell |
| MANUFACTURER | Direct Colors Inc. 430 E. 10 th St. |
| MANUFACTURER TELEPHONE NUMBER | 877-255-2656 |

EMERGENCY TELEPHONE NUMBER: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S, Canada, or the U.S. Virgin Islands, call CHEMTREC at 1-800-424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

| | |
|---------------|------------|
| CREATION DATE | March 2008 |
|---------------|------------|

EMERGENCY OVERVIEW

| | | |
|----------------------|--|----------------|
| HMIS/NFPA | HEALTH 1 | FLAMMABILITY 0 |
| | REACTIVITY 0 | |
| PHYSICAL FORM | Powder | |
| COLOR | Gray or White (Can be combined with Integral Colors) | |
| ODOR | Very Mild Odor | |
| HAZARDS | Mild respiratory tract irritant | |
| EXTINGUISHING MEDIA | Not Applicable | |
| C.A.S. CHEMICAL NAME | Mixture/On TSCA Inventory | |
| SYNONYMS | None | |
| CHEMICAL FAMILY | Not Regulated | |
| EMPIRICAL FORMULA | Mixture | |
| INTENDED USE | Concrete Countertops | |

SECTION 2 INGREDIENTS

| <u>NUM</u> | <u>CAS Number and Chemical Name</u> | <u>Percent</u> |
|------------|-------------------------------------|----------------|
| 1. | Grey Portland Cement/65991-15-1 | 12.5 % |
| 2. | Metamax/Cas No. on TSCA Inventory | 7.5 % |
| 3. | Polymer/Mixture | 42.2 % |
| 4. | Fiber | 8.5 % |

Countertop Add Mix

The remaining components are a Trade Secret

OSHA (ACGIH) EXPOSURE LIMITS

| | | TWA | | STEL | | CEILING | |
|----|-------|-----|-------|------|-------|---------|-------|
| | | ppm | mg/m3 | ppm | mg/m3 | mg/m3 | mg/m3 |
| 1. | OSHA | N/E | N/E | N/E | N/E | N/E | N/E |
| | ACGIH | N/E | N/E | N/E | N/E | N/E | N/E |
| 2. | OSHA | N/E | N/E | N/E | N/E | N/E | N/E |
| | ACGIH | N/E | N/E | N/E | N/E | N/E | N/E |

N/E = Not Established

SECTION 3 - HEALTH HAZARDS

ROUTES OF EXPOSURE

Eye Contact
Skin Contact
Ingestion
Inhalation

EXPOSURE STANDARDS

Formaldehyde concentrations in the workplace air may exceed the TLV under certain conditions of use. Under Normal conditions of use in a well ventilated space, the concentration of minor components in the workplace air will not exceed the TLV or PEL. See section 2 for exposure standards on ingredients. Maintain air contaminant concentrations in the workplace at the lowest feasible levels. Minor components will migrate into the container headspace. Levels in excess of TLV's or PEL's can accumulate in non-vented container headspaces. Open drums in a well ventilated space. The principal volatile component is water. Minor volatile components are identified in Section 2 "Ingredients".

HEALTH HAZARDS

Mild respiratory tract irritant.

TARGET ORGANS

None known

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhalation of dry powders may cause irritation in the respiratory tract.

SIGNS AND SYMPTOMS OF EXPOSURE (Possible Longer Term Effects)

Repeated and/or prolonged exposure to low concentrations of vapor may cause sore throat which are transient.

Countertop Add Mix

MEDICAL CONDITIONS GENERALL AGGAVATED BY EXPOSURE

None known

CARCINOGENS UNDER OSHA, ACGIH,NTP, IARC, OTHER

Vinyl Acetate Monomer (IARC)

SECTION 4 - FIRST AID

EYE CONTACT

Rinse immediately with plenty of water

SKIN CONTACT

Wash affected area with soap and water.

INHALATION

Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. Mouth-to-Mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.

INGESTION

If swallowed, call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE AND EXPLOSION DATA

FLASH POINT (closed cup) Not Applicable

UPPER EXPLOSION LIMIT (UEL) Not Applicable

LOWER EXPLOSION LIMET (LEL) Not Applicable

AUTOIGNITION TEMPERATURE Not Applicable

FIRE HAZARD CLASSIFICATION (OSHA/NFPA)

Non-Combustible

EXTINGUISHING MEDIA

Product does not burn. Aqueous solution is not flammable.

SPECIAL FIRE FIGHTING PROCEDURES

No special procedures required. The product, as distributed, is noncombustible.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When dry polymer burns, water (H₂O), carbon dioxide (CO₂), carbon monoxide (CO) and smoke are produced.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Countertop Add Mix

CONTAINMENT TECHNIQUES (Removal of ignition sources, diking etc.)

None to speak of.

CLEAN-UP PROCEDURES

Sweep up for eventual use, or disposal as a non-hazardous waste. Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

OTHER EMERGENCY ADVICE

Spilled add mix is very slippery. Use care to avoid falls. Remove saturated clothing and wash contacted skin area with soap and water. Wear protective clothing, boots, gloves, and eye protection.

SECTION 7 - HANDLING AND STORAGE

STORAGE

Avoid creating dust during handling. Keep containers closed between uses to prevent moisture pickup from air. Store in a dry place. Wash off dry and slurred product promptly from skin to avoid drying the skin and slow developing alkali burns.

HANDLING

Avoid breathing of dry powders. Handle in well ventilated work space. When handling, do not eat, drink, or smoke. Avoid contact with skin.

OTHER PRECAUTIONS

Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations (e.g. OSHA)

SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION

Chemical safety glasses.

HAND PROTECTION

Rubber Gloves

RESPIRATORY PROTECTION

Not required under normal conditions in a well-ventilated workplace. An organic vapor respirator National Institute for Occupational Safety and Health (NIOSH) approved for organic vapors is recommended under emergency conditions.

PROTECTIVE CLOTHING

No specific recommendation.

Countertop Add Mix

ENGINEERING CONTROLS

Maintain air concentrations in work spaces in accordance with standards outlined in Sections 2 and 3.

WORK AND HYGIENIC PRACTICES

Provide readily accessible eye wash stations and safety showers.

SECTION 9 - TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------------|--|
| PHYSICAL FORM | Powder |
| COLOR | Gray or White, unless mixed with Integral Colors |
| ODOR | Very Mild Odor |
| pH Reaction | Alkaline in water |
| VAPOR PRESSURE (mm Hg at 21C (70F)) | Not Applicable |
| VAPOR DENSITY (Air = 1) | Not Applicable |
| BOILING POINT | Not Applicable |
| MELTING POINT | Not Applicable |
| SOLUBILITY IN WATER | Slight |
| SPECIFIC GRAVITY (Water = 1) | >1 |
| MOLECULAR WEIGHT | Mixture |

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable

CONDITIONS TO AVOID (if unstable)

Not applicable

INCOMPATIBILITY

Reacts with Water to form cement

HAZARDOUS DECOMPOSITION PRODUCTS (from burning, heating, or reactions with other materials).

None

HAZARDOUS POLYMERIZATION

Can Not Occur

CONDITIONS TO AVOID (if polymerization may occur)

Not applicable

SECTION 11 - ECOLOGICAL INFORMATION

No Data

SECTION 12 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Comply with all Federal, State and Local Regulations. For small quantities (less than 100 gallons): Disposal to municipal or industrial wastewater treatment plants is normally acceptable. Obtain approval from these authorities before disposal. The product does impart a white, milky color to water, which may not be removed or sufficiently diluted by the treatment facility. The product may also cause foaming when agitated. The product can be chemically or biologically degraded. For large quantities: Disposal through licensed waste disposal facilities is suggested. The product can be incinerated, through chemical or biological treatment is sufficient. Chemical precipitation/ coagulation can be used to facilitate removal of solids (consult manufacturer for detailed procedure). NOTE: As supplied or diluted, product material (foam included), when splashed on automobiles or other personal property, is difficult to remove if allowed to dry.

SECTION 13 - TRANSPORT INFORMATION

| | |
|----------------------------|---------------|
| DOT NON-BULK SHIPPING NAME | Not Regulated |
| DOT BULK SHIPPING NAME | Not Regulated |
| IMO SHIPPING DATA | Not Regulated |
| ICAO/IATA SHIPPING DATA | Not Regulated |

SECTION 14 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

TOXIC SUBSTANCES CONTROL ACT (TSCA) -

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es)

None

EPA SARA Title III section 312 (40CFR370) hazard class

None

EPA SARA Title III Section 313 (40CFR372) Toxic chemicals above "de minimis" level are

None

STATE REGULATIONS

Countertop Add Mix

PROPOSITION 65 SUBSTANCES (component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986")

Acetaldehyde

NEW JERSEY TRADE SECRET REGISTRY NUMBER(S)

05995500-(W526BP)

SECTION 15 - Other Information

Preparation Date: March 28, 2008

Comments: This Material Safety Data Sheet was prepared using information provided by Direct Colors Inc. The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Direct Colors Inc., expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process.

Revisions: None