

# MATERIAL SAFETY DATA SHEET

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## Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NUMBER  
HMIS CODES  
ARTISTS CHOICE PAINTS  
Health 1  
7724, 7725, 7727  
Flammability 0

DATE OF PREPARATION  
January 01, 2015

Reactivity 0  
MANUFACTURER'S NAME  
Sculptural Arts Coating, Inc.  
1200 Forest Hill Drive  
Greensboro, NC 27410  
EMERGENCY TELEPHONE NUMBER  
(336) 851-0355

INFORMATION TELEPHONE NUMBER  
(336) 851-0355

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## Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

| % by WT                             | CAS NO.    | INGREDIENT | UNITS   |
|-------------------------------------|------------|------------|---|
| <u>VAPOR PRESSURE</u>               |            |            |   |
| 3-6 %                               | 12001-26-2 | MI CA      | ACGIH TLV 3 mg/m <sup>3</sup> Total<br>OSHA PEL |
| 3 mg/m <sup>3</sup> Respirable Dust |            |            |   |

\*Section 2 Ingredient Additions -- See Table A, page 6

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## Section 3 -- HAZARDS

### IDENTIFICATION

#### ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

#### EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

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**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

None generally recognized.

**CANCER INFORMATION**

For complete discussion of toxicology data refer to Section 11.

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**Section 4 -- FIRST AID MEASURES**

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**EYES:** Flush eyes with large amounts of water for 15 minutes.  
Get medical attention.

**SKIN:** Wash affected area thoroughly with soap and water.  
Remove contaminated clothing and launder before re-use.

**INHALATION:** If affected, remove from exposure. Restore breathing.  
Keep warm and quiet.

**INGESTION:** Do not induce vomiting.  
Get medical attention immediately.

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**Section 5 -- FIRE FIGHTING MEASURES**

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|                    |            |            |
|--------------------|------------|------------|
| <b>FLASH POINT</b> | <b>LEL</b> | <b>UEL</b> |
| Not Applicable     | N.A.       | N.A.       |

**FLAMMABILITY CLASSIFICATION**

Not Applicable

**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, Alcohol Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode (due to build-up of pressure) when exposed to extreme heat.  
During emergency conditions overexposure to decomposition products may cause a health hazard.  
Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES**

Full protective equipment including self-contained breathing apparatus should be used.  
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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**Section 6 -- ACCIDENTAL RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Ventilate the area.  
Remove with inert absorbent.

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**Section 7 -- HANDLING AND STORAGE**

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**STORAGE CATEGORY**

Not Applicable

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

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**Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed “as Dust” in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10mg/m<sup>3</sup> (total dust), 3mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15mg/m<sup>3</sup> (total dust), 5mg/m<sup>3</sup> (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**VENTILATION**

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint or the abrasive.

**PROTECTIVE GLOVES**

Wear gloves which are recommended by glove supplier for protection against materials in Section 2

**EYE PROTECTION**

Wear safety spectacles with unperforated side shields.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
 

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|  |  |
|--|--|
| PRODUCT WEIGHT   | 9.1 - 9.3 lb./gal.                                 |
| SPECIFIC GRAVITY   | 1.09- 1.12   |
| BOILING POINT  | 212F -213F   |
| MELTING POINT  | Not Available                                      |
| VOLATILE VOLUME  | 64% - 71%  |
| EVAPORATION RATE   | Slower than ether                                  |
| VAPOR DENSITY  | Heavier than air                                   |
| SOLUBILITY IN WATER  | N.A.   |
| pH   | Approximately 8.8                                  |
| VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged) | <= 50 g/l Less Water and Federally Exempt Solvents |

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 Section 10 -- STABILITY AND REACTIVITY
 

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STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur.

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 Section 11 -- TOXICOLOGICAL INFORMATION
 

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CHRONIC HEALTH HAZARDS: Ingredients

Mica is not listed on the NTP, IARC, or OSHA list of carcinogens. Prolonged inhalation of dust may be harmful. Mica can cause lung damage resulting in slight lung fibrosis. Not all exposure values may be applicable, as the ingredient is in a liquid phase and is not expected to present an inhalation hazard.

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TOXICOLOGY DATA

| CAS NO.       | Ingredient Name | LC50 | RAT |
|---------------|-----------------|------|-----|
| 12001-26-2    | MICA            |      |     |
| 4HR           | Not Available   |      |     |
|               |                 | LD50 | RAT |
| Not Available |                 |      |     |

\*Section 11 Ingredient Additions -- See Table B, page 6

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Section 12 -- ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION

No data available.

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Section 13 -- DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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Section 14 -- TRANSPORT INFORMATION

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US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

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Section 15 -- REGULATORY INFORMATION

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SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

| CAS NO.   | CHEMICAL/ COMPOUND | % BY WT |
|-----------|--------------------|---------|
| % ELEMENT |                    |         |

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) supplier notification.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

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Section 16 -- OTHER INFORMATION

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This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The information contained herein is based on data available to us. However, no warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from the use thereof. Since the use of this information and the conditions of the use of the product are not under our control, it is user's obligation to determine conditions of safe use of this product and we assume no liability in connection with any use of this information.

**SECTION 2 INGREDIENTS ADDITIONS****TABLE A**

| <u>PRODUCT NO.</u><br>OSHA PEL  | <u>WGT %</u> | <u>CAS NO.</u> | <u>NAME</u>      | <u>ACGIH - TLV</u>             |
|---|--------------|----------------|------------------|--------------------------------|
| 7724-7725<br>10 mg/m <sup>3</sup> total dust<br><br>5 mg/m <sup>3</sup> respirable dust | 2-4 %        | 13463-67-7     | Titanium Dioxide | 10 mg/m <sup>3</sup> as dust   |
| 7724, 7727<br>10mg/m <sup>3</sup> (as Fe, dust<br>total dust)                           | 2-5 %        | 1309-37-1      | Iron Oxide       | 5 mg/m <sup>3</sup> respirable |

**SECTION 11 INGREDIENT ADDITIONS****TABLE B**

| <u>PRODUCT NO.</u><br>ORAL | <u>CAS NO.</u> | <u>INGREDIENTS</u> | <u>ACUTE TOXICITY</u>                    |
|----------------------------|----------------|--------------------|--|
| 7724, 7727                 | 1309-37-1      | Iron Oxide         | >10,000 mg/Kg (rat)                      |
|                            |                | IARC Notes:        | not classified as to its carcinogenicity |
|                            |                | ACGIH:             | not classified as human carcinogen       |
| 7724-7725                  | 13463-67-7     | Titanium Dioxide   | Not Available                            |

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."