

MATERIAL SAFETY DATA SHEET

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

DATE OF PREPARATION

HMIS CODES

ARTISTS CHOICE PAINTS

October 01, 2011

Health

1

7724, 7725, 7727

Flammability

0

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

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT

CAS NO.

INGREDIENT

UNITS

VAPOR PRESSURE

3-6 %

12001-26-2

MI CA

ACGIH TLV 3 mg/m³ Total
OSHA PEL

3 mg/m³ Respirable Dust

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

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.

Section 4 -- FIRST AID MEASURES

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.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
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.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

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

Section 7 -- HANDLING AND STORAGE

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.

Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

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/m³ (total dust), 3mg/m³ (respirable fraction), OSHA PEL 15mg/m³ (total dust), 5mg/m³ (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.

 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

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

 Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur.

 Section 11 -- TOXICOLOGICAL INFORMATION

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.

 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

ECOTOXICOLOGICAL INFORMATION

No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

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.

Section 14 -- TRANSPORT INFORMATION

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS NO.	CHEMICAL/ COMPOUND	% BY WT
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% 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.

Section 16 -- OTHER INFORMATION

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

SECTION 11 INGREDIENT ADDITIONS**TABLE B**

<u>PRODUCT NO.</u> <u>ORAL</u>	<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."