

**MATERIAL SAFETY DATA SHEET****Section 1 -- PRODUCT AND COMPANY IDENTIFICATION**

<b>PRODUCT NUMBER</b> ARTISTS CHOICE PAINTS 7701-7713, 7715-7719, 7721, 7731-7732	<b>DATE OF PREPARATION</b> June 23, 2008	<b>HMIS CODES</b> Health 1 Flammability 0 Reactivity 0
<b>MANUFACTURER'S NAME</b> Sculptural Arts Coating, Inc. 2912 Baltic Avenue Greensboro, NC 27406		
<b>EMERGENCY TELEPHONE NUMBER</b> (336) 379-7651		
<b>INFORMATION TELEPHONE NUMBER</b> (336) 379-7651		

**Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS**

<u>% by WT</u>	<u>CAS NO.</u>	<u>INGREDIENT</u>	<u>UNITS</u>	<u>VAPOR PRESSURE</u>
26 - 29%	471-34-1	Calcium Carbonate		
		ACGIH TLV	10 mg/m <sup>3</sup> as Dust	
		OSHA PEL	15 mg/m <sup>3</sup> Total Dust	
		OSHA PEL	5 mg/m <sup>3</sup> Respirable Fraction	
.1 - 4%	13463-67-7	Titanium Dioxide		
		ACGIH TLV	10 mg/m <sup>3</sup> as Dust	
		OSHA PEL	10 mg/m <sup>3</sup> Total Dust	
		OSHA PEL	5 mg/m <sup>3</sup> Respirable Fraction	
<4%	61790-53-2	Natural Diatomaceous Earth (DE)		
		Amorphous Silica		
		ACGIH TLV	10 mg/m <sup>3</sup> Total Dust	
		OSHA PEL	6 mg/m <sup>3</sup> Total 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.

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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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**FLASH POINT**

Not Applicable

**LEL**

N.A.

**UEL**

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**

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**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	10.6 - 11.5 lb./gal.
SPECIFIC GRAVITY	1.27 - 1.38
BOILING POINT	212F -213F
MELTING POINT	Not Available
VOLATILE VOLUME	61% - 65%
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)	Less Water and Federally Exempt Solvents
48 g/l - 60 g/l	

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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.

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Section 11 -- TOXICOLOGICAL

INFORMATION

CHRONIC HEALTH HAZARDS

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."

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**TOXICOLOGY DATA**

CAS NO.	Ingredient Name				
471-34-1	Calcium Carbonate	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
13463-67-7	Titanium Dioxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
61790-53-2	Natural Diatomaceous Earth (DE) Amorphous Silica	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available

\*Section 11 Ingredient Additions -- See Table B, page 7

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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>	<u>WGT %</u>	<u>CAS NO.</u>	<u>NAME</u>	<u>ACGIH-TLV</u>	<u>OSHA</u>
7707 Established Dust	2.0%	6410-41-9	CI Pigment 5	Not Established  Total Dust	Not  Total
7709 Established Dust	2.0%	6505-28-8	CI Pigment Orange 16	Not Established  Total Dust	Not  Total
7710-7711	2.3%	6358-31-2	CI Pigment Yellow 74	Not Established	Not

Established

				Total Dust	Total
Dust					
7713 (as Cu)	2.0%	1328-53-6	CI Pigment Green 7	1 mg/m3 (as Cu)	1 mg/m3
				Total Dust	Total

Dust					
7715-7716 (Fe)	<5%	51274-00-1	Iron Oxide	Not Established	10mg/m3(as
				Total Dust	Total

Dust					
7717, 7719 (as Fe)	<5%	1309-37-1	Iron Oxide	5mg/m3	10mg/m3
				(respirable fraction)	Total

Dust					
7718	<5%	12173-03-0	CI Pigment Brown 7	5mg/m3	10mg/ m3
				Total Dust	Total

Dust					
7731 Established	<2.5%	6471-49-4	CI Pigment Red 23	Not Established	Not
				Total Dust	Total

Dust					
7732 Established	<1.5%	6358-31-2	CI Pigment Yellow 74	Not Established	Not
				Total Dust	Total

**SECTION 11 INGREDIENT ADDITIONS**

**TABLE B**

<u>PRODUCT NO.</u>	<u>CAS NO.</u>	<u>INGREDIENTS</u>	<u>ACUTE TOXICITY ORAL</u>
7707	6410-41-9	CI Pigment Red 5	>5000 mg/kg (rat)
7709	6505-28-8	CI Pigment Orange 16	>5000 mg/kg (rat)
7710-7711	6358-31-2	CI Pigment Yellow 74	>5000 mg/kg (rat)
7713	1328-53-6	CI Pigment Green 7	>5000 mg/kg (rat)
7715-7716	57274-00-1	Iron Oxide	>10,000 mg/kg (rat)
7717, 7719	1309-37-1	Iron Oxide	>10,000 mg/kg (rat)
		IARC Notes: Not classifiable as to its carcinogenicity	
		ACGIH Notes: Not classifiable as a human carcinogen	
7718	12713-03-0	CI Pigment Brown 7	Not Available
7731	6471-49-4	CI Pigment Red 23	Not Available
7732	6358-31-2	CI Pigment Yellow 74	>5000 mg/kg (rat)

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