

# MATERIAL SAFETY DATA SHEET

## Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	DATE OF PREPARATION	HMIS CODES	
ARTISTS CHOICE PAINTS 7720, 7728, 7730	July 7, 2008	Health	1
		Flammability	0
		Reactivity	0

### MANUFACTURER'S NAME

Sculptural Arts Coating, Inc.  
2912 Baltic Avenue  
Greensboro, NC 27406

### EMERGENCY TELEPHONE NUMBER

(336) 379-7651

### INFORMATION TELEPHONE NUMBER

(336) 379-7651

## Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS NO.	INGREDIENT	UNITS	VAPOR PRESSURE
25 - 28%	471-34-1	Calcium Carbonate		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	15 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	
<4.4%	61790-53-2	Natural Diatomaceous Earth (DE)		
		Amorphous Silica		
		ACGIH TLV	10 mg/m3 Total Dust	
		OSHA PEL	6 mg/m3 Total Dust	
1.7 - 2.2%	1333-86-4	C I Pigment Black 7		
		ACGIH TLV	3.5 mg/m3	
		OSHA PEL	3.5 mg/m3	

Because this product is a free flowing liquid, dust inhalation is not an expected route of exposure.

\*Section 2 Ingredient Additions -- See Table A, page 5

## 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.

### 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	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.

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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

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	10.8 lb./gal.
SPECIFIC GRAVITY	1.3
BOILING POINT	212F -213F
MELTING POINT	Not Available
VOLATILE VOLUME	65%
EVAPORATION RATE	Slower than ether
VAPOR DENSITY	Heavier than air
SOLUBILITY IN WATER	N.A.
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)	50 g/l - 80 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 INFORMATION:

As a result of their re-evaluation of CARBON BLACK, the International Agency for Research on Cancer (IARC) has revised their classification from Group 3 (not classifiable as to human carcinogenicity) to Group 2B (possibly carcinogenic to humans). This decision was based on rat inhalation studies. The carbon black industry has updated epidemiology mortality studies of US carbon black workers covering sixty years, which confirm lower than expected deaths from cancer for US workers. Therefore, the carbon black industry continues to believe that the available evidence indicates that carbon black is not carcinogenic to humans.

\*NOTE: The primary route of potential human exposure is by the inhalation of respirable airborne particles. Since this material is in a liquid form, it is not expected to pose a cancer risk unless it is allowed to dry.

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TOXICOLOGY DATA

CAS NO.	Ingredient Name				
471-34-1	Calcium Carbonate	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
1333-86-4	CI Pigment Black 7				Not Available

\*Section 11 Ingredient Additions -- See Table B, page 5

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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
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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**

<u>PRODUCT NO.</u>	<u>WGT %</u>	<u>CAS NO.</u>	<u>TABLE A NAME</u>	<u>ACGIH - TLV</u>	<u>OSHA PEL</u>
7728	2.6 %	1309-37-1	Iron Oxide	5mg/m3 (Respirable Fraction)	10mg/m3 (as Fe Total Dust)

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

PRODUCT NO.	CAS NO.	INGREDIENTS	ACUTE TOXICITY ORAL
7728	1309-37-1	Iron Oxide	>10,000 mg/kg (rat)

IRAC Notes: Not classified as to its carcinogenicity.

ACGIH Notes: Not classifiable as a human carcinogen.