

Safety Data Sheet

PRODUCT IDENTIFICATION

**Product Name: Ceramic Glaze Extended.
M032351/EL**

Product Code:

**Cogent Coatings Corporation
163 Sargeant Ave.
800-262-8200
Clifton, N.J., 07013**

CHEMTREC 1-

Section 2 - Hazards Identification

GHS Ratings :

There are no GHS ratings that apply to this product at this time.

GHS Hazards:

There are no hazards that apply to this product at this time.

GHS Precautions:

There are no GHS precautions that apply to this product at this time.

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
TITANIUM DIOXIDE	13463-67-7	27.40%
METHYL ETHYL KETONE	78-93-3	10.00% - 20.00%
ACETIC ACID,2-METHOXY1_METHYLETHYLESTER	108-65-6	12.37%
TOLUENE		5.00% - 10.00%
BUTYL ACETATE-NORMAL 99.5%	123-86-4	3.86%
ETHYL ALCOHOL DENATURED	64-17-5	0.10%

Section 4 - First Aid Measures

If affected by inhalation of vapors or spray mist, remove to fresh air and get immediate medical attention.

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get immediate medical attention.

If contact wash thoroughly with soap and water and flush skin with plenty of water for at least 15 minutes while removing contaminated clothing/shoes. Get immediate medical attention and wash or destroy clothing and shoes before reuse.

If swallowed get immediate medical attention.

Section 5 - Fire Fighting Measures

Flash Point: **N/A**

LEL: **N/A**

UEL: **N/A**

Fire and explosion hazard data:

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

Special firefighting procedures: niosh/msha approved gas amsh for fire fighting personal, water may be used to cool containers. If water is used, fog nozzles are preferred.

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure clean-up personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

See supervisor

Follow prescribed recommended facility procedure.

Section 7 - Handling and Storage

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION 2 RECOMMENDED.

APPROVED CHEMICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED. VENTILATION SUFFICIENT, IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S LIMIT. USE WITH ADEQUATE VENTILATION. PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. CHEMICAL RESISTANT PLASTIC OR RUBBER. EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED. AVOID CONTACT WITH EYES. OTHER PROTECTIVE EQUIPMENT: EYE BATH AND SAFETY SHOWER. HYGIENIC PRACTICES: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE SPRAY MIST. STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR MATERIALS SHOWN IN SECTION 2. OTHER PRECAUTIONS: GROUND CONTAINERS WHILE POURING. AVOID SPONTANEOUS COMBUSTION OR CONTAMINATED RAGS OR OTHER ORGANIC MATERIALS. EMPTY CONTAINERS MAY BE RETAIN HAZARDOUS PROPERTIES AND CAN BE DANGEROUS.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
TITANIUM DIOXIDE 13463-67-7	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	Not Established
METHYL ETHYL KETONE 78-93-3	200 ppm TWA; 590 mg/m ³ TWA	300 ppm STEL 200 ppm TWA	NIOSH: 200 ppm TWA; 590 mg/m ³ TWA 300 ppm STEL; 885 mg/m ³ STEL

ACETIC ACID,2-METHOXY1_METHYLESTER 108-65-6	Not Established	Not Established	Not Established
TOLUENE	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STEL
BUTYL ACETATE-NORMAL 99.5% 123-86-4	150 ppm TWA; 710 mg/m3 TWA	200 ppm STEL 150 ppm TWA	NIOSH: 150 ppm TWA 710 mg/m3 TWA 200 ppm STEL; 950 mg/m3 STEL
ETHYL ALCOHOL DENATURED 64-17-5	1000 ppm TWA ; 1900 MG/M3 TWA	1000 ppm STEL	NIOSH : 1000 ppm TWA ; 1900 mg/m3 TWA

Use explosion proof equipment and good manufacturing practices.

Use only with adequate ventilation.

Follow guidelines as stated on the formula carefully.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved before handling this product.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Section 9 - Physical and Chemical Properties

Boiling Range 80 to 3000 °C	Specific Gravity (SG) 1.164
------------------------------------	------------------------------------

Physical state	: Liquid.
Flash point	: Closed cup: (40°F)
Material supports combustion.	: Yes.
Color	: White.
Odor	: Solvent like
pH	: Not available.
Boiling/condensation point	: 139 Deg F
Melting/freezing point	: Not available.
Specific gravity	: 1.27
Density (lbs / gal)	: 10.59
Bulk Density (g/cm3)	: 0
Vapor pressure	: Not available.
Vapor density	: Heavier than air
Evaporation rate	: Not available.
VOC	: 3.5 lbs/gal
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water % Solid. (w/w)	: Not available.
	: 61.85

Section 10 - Stability and Reactivity

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

78-93-3 METHYL ETHYL DETONE
Oral LD50: 2,600 mg/kg (Rat) Inhalation LC50: 13 mg/L
(Rat)

TOLUENE
Oral LD50: 2,600 mg/kg (Rat) Inhalation LC50: 13 mg/L
(Rat)

123-86-4 BUTYL ACETATE-NORMAL 99.5%
Inhalation LC50: 390 ppm (Rat)

64-17-5 Multi Fast
Inhalation LC50: 125 mg/L (Rat)

Blood System Eyes Kidneys Liver Central Nervous System Reproductive System
Skin
Respiratory System

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>%Weight</u>	
64-17-5	ETHYL ALCOHOL DENATURED	0.100%	ETHYL
ACCOHOL DENATURED:			

IARC: Human carcinogen

OSHA: listed

ETHYL ALCOHOL DENATURED
[static]; 96 Hr LC50

96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L

Pimephales promelas:

Pimephales promelas:>100 mg/L [static]; 96 Hr LC50

13400 - 15100 mg/L [flow-through]

48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 48

Hr EC50 Daphnia magna :

2 mg/L [Static]

Section 13 - Disposal Considerations

As the US PA, State, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste. It is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream" Refer to the Title 40 of the Code of Federal Regulations, part 261 (40 CFR 261) This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA)

Section 14 - Transport Information

<u>Agency</u> <u>Packing Group</u>	<u>Proper Shipping Name</u> <u>Hazard Class</u>	<u>UN Number</u>
---------------------------------------	--	------------------

Section 15 - Regulatory Information

Additional regulatory listings where applicable

<u>Country</u> <u>All Components Listed</u>	<u>Regulation</u>
--	-------------------

Section 16 - Other information

HMIS - Health: 1*
Reactivity: 0 PPE: -

Flammability: 1

HMIS Legend

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard

4 - Severe Hazard

* - Chronic Hazard

X - Consult your supervisor or S.O.P for "Special handling instructions.

Note: *The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual conditions of use.*

HMIS HAZAR D RATING S	HEALTH	1
	FLAMMABILITY	1
	PHYSICAL HAZARD	1
4=Severe 3=Serious 2=Moderate 1=Slight 0=Minimal		

DISCLAIMER: The information presented herein is based on available data from reliable sources and is correct to the best of Cogent Coatings Corporation. Cogent Coatings Corporation makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions.

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELLING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling.

It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

REVISED DATE: August, 2014

REFERENCE: Revised for GHS compliance