1 - PRODUCT and COMPANY INFORMATION

Company Info: iCOAT Products, Inc. www.icoatproducts.com
Company Address: 1519 W. Grant St. Phoenix, AZ 85007, USA
Phone: (602) 258-1114
Fax: (602) 258-1119
CHEMTREC: For emergencies in the US Call CHEMTREC: (800) 424-9300
Canutec: In Canada, all CANUTEC: (613) 996-6666 (call collect)
MSDS Format: According to ANSI Z400.1-2004

Product Name: Countertop Composite Blend
Product Number: CT-Countertop Composite
Chemical Family: Portland Cement Mortar

HMIS Classification:

H	F	R	PP
1	0	0	x

2 - COMPOSITION INFORMATION

Ingredients / Components	CAS #	OSHA PEL	ACGIH TLV OTHER	WT % (Optional)	EPA RPT QTY	DOT RPT QTY
Silica, Crystalline - Quartz	14808-60-7	x	.1 MG/M3 RDUST; 9495		N/A	N/A
White Portland Cement	65997-15-1	15mg / m3	15 MG/M3 TDUST; 9495		N/A	N/A
Polymeric Resin	2513-24-5	X	15 MG/M3 RDUST; 9495		N/A	N/A
Nonionic Cellulose Ether	9004-58-4	X	15 MG/M3 RDUST; 9495		N/A	N/A
Calcium Carbonate	1317-65-3	5mg / m3	10 MG/M3 DUST; 9495		N/A	N/A

3 - HAZARDS IDENTIFICATION

Emergency Overview : Irritant

Potential Health Effects
Target Organs: Eye, Skin Contact, Inhalation.
Skin / Eye Contact: May cause irritation.
Inhalation: Prolonged or excessive inhalation of dust may cause respiratory tract irritation in sensitive individuals.
Ingestion: Small amounts are not anticipated to be harmful
Chromic Health Effects: Long-term Crystalline Silica exposure can cause permanent lung damage and reduced pulmonary function.

Aggravation of Pre-Existing Conditions: Inhalation of dust may aggravate lung conditions such as asthma, emphysema, or chronic bronchitis.

4 -FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 – 20 minutes. Get medical attention, if irritation or symptoms persist.

Skin Contact: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if symptoms persist.

Ingestion: If swallowed, do NOT induce vomiting. If person can swallow, give one glass of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.

Other First Aid: Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

5 - FIRE FIGHTING MEASURES

Flash Point: No Data

Lower Flammable / Explosive Limit: N/A

Upper Flammable / Explosive Limit: N/A

Extinguishing Media: Use Water Spray, Foam, Dry Chemical or Carbon Dioxide.

Protective Equipment: As in any fire, wear Self –Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Dust clouds in air can be ignited by electric sparks, hot surfaces and open flame.

NFPA Ratings:

NFPA Health: 1

NFPA Flammability: 0

NFPA Reactivity: 1

6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions: Use proper personal protective equipment as listed in Section 8.

Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.

Spill Cleanup Measures: Sweep up or vacuum immediately; avoid creating dusty conditions. Material can absorb water and become slippery. Shovel up wet material and flush area with water.

7 - HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid breathing dust and contact with eyes.

Storage: Store in a cool, dry place. Keep container tightly closed when not in use.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling dust.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION – EXPOSURE GUIDELINES

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of personal protective equipment.

Eye/Face Protection: Wear ANSI approved protective glasses or chemical working goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166

Skin Protection: Impervious protective gloves, chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection: Not normally required. If conditions warrant, use a NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known , or any other circumstances where air purifying respirators may not provide adequate protection.

Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EXPOSURE GUIDELINES

Dipropylene glycol monomethyl ether:

Guideline ACGIH: TLV-TWA: 100 ppm
TLV-STEL: 150 ppm

Guideline OSHA: OSHA-TWA: 100 ppm
OSHA-STEL: 150 ppm

Ethylene glycol:

Guideline ACGIH: TLV-STEL: C 100 mg/m3 (aerosol only)

9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Powder
Color: White
Odor: None
Boiling Point: No Data
Melting Point: No Data
Density: 8 – 10 lbs. / Gallon
Vapor Density: Greater than 1 (Air = 1)
Flash Point: No Data

10 - STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.
Hazardous Polymerization: No
Conditions to Avoid: None specified by manufacturer.
Incompatible Materials: None known.
Hazardous Decomposition Products: Incomplete combustion can yield carbon monoxide

11 - TOXICOLOGICAL INFORMATION

Dipropylene glycol butoxy ether:

RTECS Number: UA8200000
Eye: Eye – Rabbit; Standard Draize Test : 100 mg; No effects reported. (RTECS)
Skin: Skin – Rabbit LD50 : 5860 uL/kg; Behavioral – somnolence (general depressed activity) Gastrointestinal – hypermotility, diarrhea lungs, Thorax or respiration – other changes (RTECS)
Ingestion: Ingestion – Rat LD50: 160 uL/kg; Behavioral – somnolence (general depressed activity) Behavioral – ataxia Skin and Appendages – hair (RTECS)

Dipropylene glycol monomethyl ether:

RTECS Number: JM1575000
Eye: Eye – Rabbit; Standard Draize Test : 500 mg/ 24h ; Mild. (RTECS)
Skin: Skin – Rabbit; Open irritation : 5400 uL/kg; Details of toxic effects not reported other than lethal dose value.
Ingestion: Ingestion – Rat LD50: 5.5 ml/kg; Details of toxic effects not reported other than lethal dose value. (RTECS)

Ethylene glycol:

RTECS Number: KW2975000
Eye: Eye – Rabbit; Standard Draize Test : 500 mg/ 24h; Mild.
Eye – Rabbit; Standard Draize Test : 1440 mg/ 6h; Moderate. (RTECS)

Skin:	Skin – Rabbit; Open irritation : 550 mg; Mild. (RTECS)
Inhalation:	Inhalation – Rat LC: >200 mg/m3/ 4H; Details of toxic effects not reported other than lethal dose value. Inhalation – Mouse LC: >200 mg/m3/ 2H; Details of toxic effects not reported other than lethal dose value. (RTECS)
Ingestion:	Ingestion – Rat LD50: 4700 mg/kg; Details of toxic effects not reported other than lethal dose value. (RTECS)

12 - ECOLOGICAL INFORMATION

Ectoxicity:	No ectoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

13 - DISPOSAL CONSIDERATIONS

Waste Disposal:	This product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Furthermore, consult with your state and local waste requiremtns or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines.

14 - TRANSPORTATION INFORMATION

DOT UN Number:	No Data
DOT Hazard Class:	No Data

15 - REGULATORY INFORMATION

California PROP 65:	Warning: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

Dipropylene glycol butoxy ether:

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Dipropylene glycol monomethyl ether:

TSCA Inventory Status:	Listed
State Regulations:	Listed in New Jersey State Right to Know List. Listed in Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed

Nepheline Syenite:

TSCA Inventory Status:	Not Listed
Canada DSL:	Listed

Ethylene glycol:

TSCA Inventory Status:	Listed
State Regulations:	Listed in New Jersey State Right to Know List. Listed in Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed

16 - ADDITIONAL INFORMATION

HMIS Health Hazard:	1
HMIS Fire Hazard:	0
HMIS Reactivity:	0
HMIS Other:	x

MSDS Creation Date:	June 26, 2006
MSDS Revision Date:	September 9, 2009
MSDS Revision Notes:	Quarterly Formula Update
MSDS Author:	iCOAT Products, Inc.

Disclaimer:

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