

SAFETY DATA SHEET

UPC Decorative Poly-Chip

SDS REVISION DATE: 05/05/2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: UPC Decorative Poly Chips

MANUFACTURER: Universal Polymer Coatings, Inc.
DIVISION: Floor Coating
ADDRESS: 737 W. Taft Avenue, Orange CA 92865

EMERGENCY PHONE: 800-255-3924
CHEMTEL PHONE: 800-255-3924
OTHER CALLS: 714-279-1199
FAX PHONE: 714-279-8070

PRODUCT USE: Floor Coating
PREPARED BY: Universal Polymer Coatings, Inc.

SECTION 2: HAZARDS IDENTIFICATIONS

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GHS-US CLASSIFICATION

Acute Toxicity - Oral 4
Acute Toxicity - Inhalation 4

LABEL ELEMENTS:
GHS LABEL ELEMENTS
HAZARD PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD STATEMENTS:

H302 Harmful if swallowed
H332 Harmful if inhaled

PREVENTION:

P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash face, hands and any exposed skin thoroughly after handling
P270	Do not eat, drink, or smoke when using this product
P281	Use personal protective equipment as required

RESPONSE:

P301+P312	If SWALLOWED: call POISON CENTER or doctor/physician if you feel unwell
P330	Rinse mouth
P304+P340	If INHALED; remove victim to fresh air and keep at rest in a position comfortable for breathing
P312	Call a POISON CENTER or doctor/physician if you feel unwell

DISPOSAL:

P501 Dispose of contents/ container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations. To clarify, this product contains barium sulfate, not barium. Barium sulfate is not a listed hazardous waste as defined by RCRA. EPA notes that barium is one of the contaminants tested for in the Toxicity Characteristics (TC) of 40 CFR 261.24. However, due to its limited water solubility, barium sulfate is not expected to produce an extractable concentration of barium that exceeds the maximum allowable concentration of soluble barium (100 mg/L) using the Toxicity Characteristic Leaching Procedure (TCLP) as described in 40 CFR 261.24. Thus, land disposal of barium sulfate is not regulated under RCRA subtitle C.

OTHER HAZARDS: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS #	AMOUNT
• Vinyl Acetate Polymer	9003-20-7	12 – 22%
• Barium Sulfate	7727-43-7	65 – 85%
• Titanium Dioxide	13463-67-7	1 – 10%
• Carbon Black	133-86-4	0 – 0.5%

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Any remaining components are trade secret.

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE:	No data available
EYES:	Flush thoroughly with water. If irritation occurs, get medical assistance. Remove contact lenses, if present and easy to do. Continue rinsing.
SKIN:	Remove contaminated clothing. Brush off loose particles from skin. Wash skin with soap and water. Wash contaminated clothing before reuse.
INGESTION:	Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
INHALATION:	Remove exposed person to fresh air if adverse effects are observed.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	No data available
NOTES TO PHYSICIANS:	No data available.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	CO2, Dry Chemical, Foam, Water spray, Water fog
SPECIFIC (UNUSUAL) HAZARDS:	No data available
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Ensure adequate ventilation, especially in confined areas. Avoid creating dust. Use personal protective equipment as required. See section 8 for more information.
ENVIRONMENTAL PRECAUTIONS:	Prevent entry into waterways sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:	Prevent further spillage if safe to do so. Prevent dust cloud. Use personal protective equipment as required. Avoid creating dust. Sweep up and shovel into suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Do not eat, drink or smoke when using this product. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid generation of dust. Avoid breathing dust. Keep containers closed when not in use. Wash thoroughly after handling.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:	Keep container closed in a dry and well-ventilated place. Keep out of the reach of children. Strong acids.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Barium Sulfate 7727-43-7	TWA: 5 mg/m3 inhalable fraction, particulate matter containing no asbestos and <1% crystalline silica	TWA: 15 mg/m3 total dust	TWA: 10 mg/m3 total dust TWA: 5 mg/m3 respirable dust
Titanium Dioxide 13463-67-7	10 mg/m3 as dust	10 mg/m3 total dust 5 mg/m3 respirable fraction	
Carbon Black 1333-86-4	3.5 mg/m3		

ENGINEERING MEASURES:

Showers
Eyewash stations
Ventilation systems

PERSONAL PROTECTION



RESPIRATORY PROTECTION:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminated concentrations. Respiratory protection must be provided in accordance with current local regulations.

HAND PROTECTION:

Wear protective gloves and protective clothing

EYE PROTECTION:

Tight sealing safety goggles

SKIN PROTECTION:

Wear protective gloves and protective clothing

SPECIAL INSTRUCTIONS:

No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Physical state
Color

Solid
Pigmented as appropriate to achieve desired color

ODOR:

Sweet

ODOR THRESHOLD:

No data available

pH:

No data available

MELTING POINT:

No data available

BOILING POINT:

No data available

FLASH POINT:

No data available

EVAPORATION RATE:

No data available

FLAMMABILITY (solid, gas):

No data available

FLAMMABILITY LIMIT IN AIR

Upper:

No data available

Lower:

No data available

VAPOR PRESSURE:

No data available

VAPOR DENSITY:

No data available

SPECIFIC GRAVITY:

2.75

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WATER SOLUBILITY:	No data available
RELATIVE DENSITY:	No data available
PARTITION COEFFICIENT:	No data available
AUTO-IGNITION TEMP:	No data available
DECOMP TEMP:	No data available
KINEMATIC VISCOSITY:	No data available
DYNAMIC VISCOSITY:	No data available
EXPLOSIVE PROPERTIES:	No data available
OTHER INFORMATION:	Bulk: 22.89 lb/gal. VOC 0%

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under recommended storage conditions
CONDITIONS TO AVOID:	Incompatible materials. Dust formation. Strong oxidizers
MATERIAL TO AVOID:	Strong acids
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion or burning
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization does not occur

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

LIKELY ROUTES OF EXPOSURE

Effects on Eye:	No data available
Effects of Skin:	Causes mild skin irritation
Inhalation Effects:	No data available
Ingestion Effects:	Harmful if swallowed
Symptoms:	No data available

ACUTE TOXICITY

Oral:	May cause irritation of the gastrointestinal tract ATEmix 300 – 2000 mg/kg
Inhalation:	Not classified for acute toxicity based on available data
Dermal:	Not classified for acute toxicity based on available data
Skin corrosion/ irritation:	May cause mild skin irritation
Serious eye damage/ eye irritation:	Not classified as a primary eye irritant
Respiratory Sensitization:	No data available

CHRONIC TOXICITY OR EFFECTS FROM LONG TERM EXPOSURES

Carcinogenicity:	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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Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

Chemical Name	Species		
Barium Sulfate 7727-43-7	Rat	LC50: 4hr	No data
	Rat	LD50: 4hr	No data
Titanium Dioxide 13463-67-7	Rat	LC50: 4hr	No data
	Rat	LD50: 4hr	No data
Carbon Black 1333-86-4	Rat	LC50: 4hr	No data
	Rat	LD50: 4hr	No data

Reproductive toxicity: No data available

Germ cell mutagenicity: No data available

Specific target organ systemic toxicity (single exposure): Vinyl acetate polymer: May cause irritation to the mucous membranes and upper respiratory tract.

Specific target organ systemic toxicity (repeated exposure): No data available

Aspiration hazard: No data available. Not classified for acute toxicity based on available data

SECTION 12: EGOLOGICAL INFORMATION

EXOTOXICITY EFFECTS

Aquatic toxicity: No data available (includes Fish, Aquatic Invertebrates, Aquatic Plants)

Toxicity to other organisms: No data available

PERSISTENCE AND DEGRADABILITY

Biodegradability: No data available

Mobility in soil: No data available

Bioaccumulation: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Disposal should be in accordance with applicable regional, national and local laws and regulations. To clarify, this product contains barium sulfate, not barium. Barium sulfate is not a listed hazardous waste as defined by RCRA. EPA notes that barium is one of the contaminants tested for in the Toxicity Characteristics (TC) of 40 CFR 261.24. However, due to its limited water solubility, barium sulfate is not expected to produce an extractable concentration of barium that exceeds the maximum allowable concentration of soluble barium (100 mg/L) using the Toxicity Characteristic Leaching Procedure (TCLP) as described in 40 CFR 261.24. Thus, land disposal of barium sulfate is not regulated under RCRA subtitle C.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT: Not regulated

IATA: Not regulated

IMDG: Not regulated

TDG: Not regulated

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials.

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): None

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.
CANADA	DSL	Included on Inventory
AUSTRALIA	AICS	Included on Inventory
JAPAN	ENCS	Included on Inventory
SOUTH KOREA	ECL	Included on Inventory
CHINA	SEPA	Included on Inventory
PHILIPPINES	PICCS	Included on Inventory

EPA SARA Title III Section 313 (40 CFR 372) Component(s): None

CWA (Clean Water Act): This product does not contain any substance regulated as pollutants pursuant to the Clean Water Act (40 CFR 112.21 and 40 CFR 122.42

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

US California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): This product contains chemicals known to State of California to cause cancer, birth defects or any other harm.

State Right-To-Know:

Barium Sulfate: New Jersey, Massachusetts, Pennsylvania

SECTION 16: DISCLAIMER

OTHER INFORMATION

HMIS Rating:

Health: 2
Flammability: 0
Physical Hazard: 0

NFPA Rating:

Health: 1
Flammability: 0
Reactivity: 0

DISCLAIMER: The information herein is given in good faith, but no warranty expressed or implied is made. Universal Polymer Coatings, Inc. urges suppliers and users of this product to evaluate its suitability and compliance with local regulations as Universal Polymer Coatings, Inc. cannot foresee the nature of the final application or final location of usage.