PUR-Guard™ P-27 Beige

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Product Name / Trade Name	PUR-Guard™ P-27 Beige
CAS No.	Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Industrial Flooring Coloring Agent, Pigments
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Res-Tek, Inc. 110 Riverside Drive Cartersville, Georgia 30120 United States of America
Telephone	1-888-737-8351 / 1-770-427-4034

Emergency telephone number CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) Not classified as a hazardous substance or mixture.

Label elements

Hazard Symbol(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product. If SWALLOWED: Call POISON CENTER or doctor/physician if you feel unwell. Rinse mouth Avoid breathing dust If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell

Other hazards None identified.

Additional Information None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard Statement(s)
Calcium Carbonate	30 – 50	1317-65-3	None.
Titanium Dioxide	10 - 20	13463-67-7	None.

For full text of H phrases see section 16.

Additional Information - None

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Keep patient at rest and give oxygen if breathing difficult. If symptoms continue, get medical attention. Get medical advice/attention if you feel unwell.
Skin Contact	Remove contaminated clothing. Brush off loose particles from skin. Wash skin with soap and water. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	If ingested obtain immediate medical attention.
Most important symptoms and effects, both acute and delayed	None known.
Indication of any immediate medical attention and special treatment needed	None known

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Use carbon dioxide, dry chemical, foam, water spray, or water fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
-Unsuitable Extinguishing Media	None anticipated.
Special hazards arising from the substance or mixture	No unusual fire or explosion hazards noted. Do not allow run-off from fire fighting to enter drains or water courses.
Advice for fire-fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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.
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

Use personal protective equipment as required. Avoid creating dust. Sweep up and shovel into suitable containers for disposal. Transfer to a container for disposal or recovery. Wash the spillage area with water. Do not allow to enter drains, sewers or watercourses.

Reference to other sections

None

Additional Information

None.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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

-Storage temperature: Keep container closed in a dry and well-ventilated place. Keep out of the reach of children.

-Incompatible materials: Strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Calcium Carbonate	1317-65-3	5 mg/m3 (respirable) 10 mg/m3 (total dust)	10 mg/m3 (total dust)			
Titanium Dioxide	13463-67-7	5 mg/m3 (respirable) 15 mg/m3 (total dust)	10 mg/m3 (total dust)	------	------	------

8hr TWA: 8 hour time-weighted average; PEL: Permissible Exposure Limit; TLV: Threshold Limit Value; STEL = Short Term Exposure Limit

Exposure controls

Appropriate engineering controls

Control dust formation. Use adequate general or local exhaust ventilation to maintain concentrations in the workplace below the applicable exposure limits.

Personal protection equipment

Eye/face protection

Safety Glasses, tight fitting goggles.

Skin protection (Hand protection/ Other)

Protective gloves and protective clothing

Respiratory protection	Inhalable size dust particles may be released under certain conditions of handling. Respiratory protection may be needed if occupational exposure limits are exceeded. Air-purifying respirator with particulate filter may be sufficient. Check with protective equipment manufacturer's data. Positive-pressure supplied air respirators may be required for high airborne contaminated concentrations.
Thermal hazards	Not normally required.
Environmental Exposure Controls	Not normally required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid. Fine Powder.
Color.	Beige.
Odor	Odorless.
Odor Threshold (ppm)	Not available.
pH (Value)	Not available.
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not available.
Flash Point (°C)	Not applicable.
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Not flammable.
Explosive Limit Ranges	Not explosive.
Vapor pressure (Pascal)	Not available.
Vapor Density (Air=1)	Not applicable.
Density (g/ml)	Not available.
Specific Gravity	Not available.
Solubility (Water)	Insoluble.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not applicable.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	Not applicable.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

VOC (%)	0

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	None known.
Incompatible materials	Strong acids.
Hazardous decomposition product(s)	None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin contact, Inhalation (dust/mist/fume), Eye contact.

Acute Toxicity

Not classified based on available information.

Components:

Calcium Carbonate

Oral	LD50 (rat, oral): 6,450 mg/kg.
Dermal	Not classified for acute toxicity based on available data.

Inhalation	Not classified for acute toxicity based on available data.
Skin Corrosion/Irritation	Not classified for acute toxicity based on available data.
Serious Eye Damage/Eye Irritation	Not classified for acute toxicity based on available data.
Respiratory or Skin Sensitization	Not classified for acute toxicity based on available data.
Aspiration Hazard:	Not applicable.
STOT – Single Exposure	Not classified based on available data.
STOT – Repeated Exposure	NNot classified based on available data.
CMR Effects	
Germ Cell Mutagenicity	Not classified based on available data.
Carcinogenicity	Not classified based on available data.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Reproductive Toxicity	Not classified based on available data.

Titanium Dioxide

Oral	LD50 (rat, oral): 10,000 mg/kg.
Dermal	Not classified for acute toxicity based on available data.
Inhalation	Not classified for acute toxicity based on available data.
Skin Corrosion/Irritation	Not classified for acute toxicity based on available data.
Serious Eye Damage/Eye Irritation	Not classified for acute toxicity based on available data.
Respiratory or Skin Sensitization	Not classified for acute toxicity based on available data.
Aspiration Hazard:	Not applicable.
STOT – Single Exposure	Not classified based on available data.
STOT – Repeated Exposure	NNot classified based on available data.
CMR Effects	
Germ Cell Mutagenicity	Not classified based on available data.
Carcinogenicity	

NTP	IARC	ACGIH	OSHA
No.	Yes.	No.	No.

Reproductive Toxicity	Not classified based on available data.

SECTION 12: ECOLOGICAL INFORMATION

Product

Ecotoxicity

Components:

Calcium carbonate:

Fish	Not considered to be harmful to aquatic life.
Aquatic Invertebrates	No data available.
Toxicity to Aquatic Plants	No data available.
Toxicity to soil dwelling organisms	No data available.
Sediment Toxicity	No data available.
Toxicity to Terrestrial Plants	No data available.
Toxicity to Above-Ground Organisms	No data available.
Toxicity to microorganisms	No data available.
Persistence and degradability	Not applicable (inorganic substance).
Bioaccumulative potential	Not applicable.
Bio-concentration Factor (BCF)	Not applicable.
Partition Coefficient n-octanol / water	Not applicable.

Mobility in soil	Not applicable.
PBT and vPBT assessment	This substance does not meet the criteria to be identified as PBT or vPBT.
Titanium Dioxide:	
Fish	LC50 (96 h): >500 mg/l (Danio rerio (zebra fish)).
Aquatic Invertebrates	LC50 (48 h): >100 mg/l (Chironomus sp. (midge)).
Toxicity to Aquatic Plants	No data available.
Toxicity to soil dwelling organisms	No data available.
Sediment Toxicity	No data available.
Toxicity to Terrestrial Plants	No data available.
Toxicity to Above-Ground Organisms	No data available.
Toxicity to microorganisms	No data available.
Persistence and degradability	Not applicable (inorganic substance).
Bioaccumulative potential	Not applicable.
Bio-concentration Factor (BCF)	Not applicable.
Partition Coefficient n-octanol / water	Not applicable.
Mobility in soil	Not applicable.
PBT and vPBT assessment	This substance does not meet the criteria to be identified as PBT or vPBT.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
Additional Information	None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Not classified as dangerous for transport.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status**:** All components listed.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: None

☐ Fire ☐ Sudden Release ☐ Reactivity ☐ Immediate (acute) ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None.	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
Titanium Dioxide	13463-67-7	30 – 50	Cancer

⚠ **WARNING: This product can expose you to chemicals, including titanium dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.**

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: April 17, 2019

Hazard Statement(s) Listed in: SECTION 3

None.

Additional Information: None.

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