Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name: KRETUS® KVP ACRYLIC-LATEX ENAMEL EGGSHELL | 5300

Recommended Use: For professional use only.

Manufacturer: Kretus Inc., 1055 W. Struck Ave., Orange, CA 92867

Telephone: (714) 694-2061

24 Hour Emergency Telephone Number: (800) 255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

Comments: To the best of our knowledge, this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/EEC.

SECTION 2: HAZARD IDENTIFICATION

Eye Irritation Category 2A
Skin Irritation Category 2

WARNING

H319 - Causes serious eye irritation

H315 – Causes skin irritation

Prevention
P103 – Read label before use.
P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 – Wash hands thoroughly after handling.
P273 – Avoid release to the environment.
P280 – Wear protective gloves / eye protection / face protection.
P285 – In case of inadequate ventilation wear respiratory protection.

Response
TK P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P320 + P352 – If on skin: Wash with plenty of water
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P362 + P364 – Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention

Disposal
P501 – Dispose of contents/container in accordance with local/state/federal regulations.

HNOC: Not Applicable

Other information: No information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Chemical	CAS No.	Concentration (% by Weight)
Titanium Dioxide	13463-67-7	13.32
Aluminum Silicate – KAOLIN	1332-58-7	10.18
Limestone	1317-65-3	5.55
The specific chemical identity and exact concentration of composition has been withheld as a trade secret.		

SECTION 4: FIRST-AID MEASURES

General Advice	No hazards which require special first aid measures.
Contact with Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Contact with Skin	Wash off immediately with soap and plenty of water removing contaminated clothes and shoes.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
Most Important Symptoms/Effects	None known.
Notes To Physician	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific Hazards Arising from the Chemical	Closed containers may rupture if exposed to fire or extreme heat

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation.
Other Information	Prevent further leakage or spillage if safe to do so.
Environmental Precautions	See Section 12 for additional Ecological Information.

Methods for Clean-Up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe-Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists, or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
Conditions for Safe Storage	Keep container tightly closed. Keep out of the reach of children. Keep from freezing.
Incompatible Materials	No information available.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

			AGCIH LV/TWA	OSHA Exposure Limits				Vapor Pressure
REPORTABLE COMPONENTS	**CAS No.**	**%WT**	**PPM**	**TWA PPM**	**TWA MG/M3**	**STEL PPM**	**STEL MG/M3**	**mm Hg @20°C**
Titanium Dioxide	13463-67-7	13.32	10	-	10	-	-	-
Aluminum Silicate – KAOLIN	1332-58-7	10.18	-	-	15	-	-	-
Limestone	1317-65-3	5.55	-	-	15	-	-	-

Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Protective gloves and impervious clothing.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment. When sanding or abrading the dried paint film, wear a dust / mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive material itself.
Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Hygiene Measures	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.
Other Precautions	None known.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Little or no odor
Odor Threshold	No information available
pH	No information available
Freezing Point (°F)	32°F
Boiling Point (°F)	212°F
Flash Point (°F)	Not applicable
Flash Point Method	Not applicable
Evaporation Rate	No information available
Flammability (solid, gas)	Not applicable
Upper Explosion Limit	Not applicable
Lower Explosion Limit	Not applicable

Vapor Pressure	No information available
Vapor Density	No information available
Density (lbs./gal)	10.72
Specific Gravity	1.29
Solubility	No information available
Water Solubility	No information available
Partition Coefficient (n-octanol/water)	No information available
Autoignition Temperature (°F)	No information available
Decomposition Temperature (°F)	No information available
Viscosity (cps)	No information available
Wt. % Solids	51.85
Vol. % Solids	39.42
Wt. % Volatiles	48.15
Vol. % Volatiles	60.58
Coating VOC	1.23 g/L
Material VOC	0.49 g/L
SECTION 10: STABILITY AND REACTIVITY	
Reactivity	Not applicable
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal conditions of use.
Conditions to Avoid	Prevent from freezing.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use.
SECTION 11: TOXICOLOGICAL INFORMATION	
Principal Routes of Exposure	Eye contact, skin contact, and inhalation.
Acute Toxicity	No information available.
Symptoms	No information available.
Eye Contact	May cause slight irritation.
Skin Contact	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
Sensitization	No information available.
Neurological Effects	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	No information available.

Developmental Effects	No information available.
Target Organ Effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Other adverse effects	No information available.
Aspiration Hazard	No information available.
Carcinogenicity	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Effects	The environmental impact of this product has not been fully investigated.
Acute Toxicity to Fish	No information available.
Acute Toxicity to Aquatic Invertebrates	No information available.
Acute Toxicity to Aquatic Plants	No information available.
Persistence / Degradability	No information available.
Bioaccumulation / Accumulation	No information available.
Mobility in Environmental Media	No information available.
Ozone	No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

SECTION 14: TRANSPORT INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
IMO/IMDG	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
IATA/ICAO	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA: United States	Yes - All components are listed or exempt.
DSL: Canada	Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization	Please refer to Section 2 of the SDS for the appropriate EPCRA 311/312 hazard categories.

SARA 313	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed in the table below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:	
	Chemical Name	**CAS Number**
	None	None
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)	Unless listed below, this product does not contain HAPs at 1% or 0.1% or greater. Refer to Section 3 for HAP weight percentage:	
	Chemical Name	**CAS Number**
	None	None

State Regulations

California Proposition 65	**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm at levels less than required for reporting (<0.1%) unless listed in Section 3.

SECTION 16: OTHER INFORMATION

HMIS

Health: 1	Flammability: 0	Reactivity: 0	PPE: X

NFPA

Health: 1	Flammability: 0	Instability: 0

Prepared by Kretus Inc.

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Disclaimer: The information and recommendations presented herein are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes and usage. Because of numerous factors affecting results, KRETUS® and its affiliation makes no warranty of any kind, express or implied, including those of merchantability and fitness for purpose, other than material conforms to our applicable current specifications. KRETUS® assumes no legal responsibility for use or reliance on the information contained in this safety data sheet.