Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Section 1 CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Identification: Product Name: ESD Vinyl Paint Plus
Product Numbers: # 6700BL, 6700D, 6700DG, 6700DLG, 6700DMG, 6700DPG, 6700DW, 6701CB, 6702C

Product description: Conductive or dissipative coating
Product type: Water-based acrylic vinyl resin
Application: Interior industrial applications

Manufacturer:
ACL Incorporated
840 W 49th PL
Chicago, IL 60609
PH: (01) 847.981.9212 [U.S.A.]
FAX: (01) 847.981.9278 [U.S.A.]

Email of responsible party for SDS: marykay@aclstaticide.com

US/Canada Emergency TEL: INFOTRAC: (01) 800.535.5053 (day or night)
International Emergency TEL: INFOTRAC: 352.323.3500 (day or night)

Section 2 HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture
Product definition: Mixture
Percentage of mixture consisting of ingredients of unknown toxicity: 38.02%

Physical: None
Health: Carcinogenicity / Category 2
Environmental: None

2.2 Label Elements

Hazard Pictograms:

Signal Word: Warning

Hazard Statement:
H351 – Suspected of causing cancer

Precautionary Statements::
Prevention:

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves and eye/face protection

P308 + P313 - IF exposed or concerned: Get medical advice/attention

Storage: P405 - Store locked up
Disposal: Dispose of contents in accordance with state and local laws as they vary (P501)

Unknown Acute Toxicity: No data available

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	C.A.S. Number	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Titanium Dioxide	13463-67-7	10 - 35	Carc.2 (H351)
Limestone	1317-65-3	3- 5	Not classified
Tin Oxide	18282-10-5	1 - 3	Not classified
Antimony Pentoxide	1314-60-9	0.1 – 0.3	Skin Irrit. 2 (H315) Eye Irrit 1A (H319) STOT SE3 (H335)

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 FIRST AID MEASURES

4.1. Description of First Aid Measures
*Inhalation***:** Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Eye Contact: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
*Skin Contact***:** Remove contaminated clothing and wash with soap and water. Do NOT use solvents or thinners.
Ingestion: If a large amount is swallowed, get medical attention immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed
*Inhalation***:** No known significant effects or critical hazards.
Eye Contact: No known significant effects or critical hazards.
*Skin Contact***:** No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

4.3 Indication of any immediate medical attention and special treatment needed
Note to physician: Treat symptomatically.

Section 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media: Undetermined

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: Containers may explode due to buildup of pressure when exposed to extreme heat.

Hazardous thermal decomposition products: Carbon monoxide, Carbon dioxide (CO2), metal oxide/oxides

5.3 Advice for firefighters
Special protective actions for fire-fighters: Wear self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Special protective equipment for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".

6.2 Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up
Methods for containment: Stop leak if without risk. Move containers from spill area.

Methods for cleaning up:
Small spill: Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

6.4 Reference to other sections
See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 12, Ecological Information.
See Section 13 for additional waste treatment information.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling
Protective measures: Put on appropriate personal protective equipment (see Section 8). Avoid exposure obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the

material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

7.2 Conditions for safe storage, including any incompatibilities: Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)
Recommendations: Static control water-based acrylic vinyl paint for interior use.
Risk Management Methods (RMM): The information required is contained in this Safety Data Sheet.

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters
Occupational exposure limits

Exposure Guidelines		
Chemical Name	**OSHA PEL**	**ACGIH TLV**
Titanium Dioxide 13463-67-7	TWA: 15 mg/m³ 8 hours. Form: Total dust	TWA: 10 mg/m³ 8 hours.
Limestone 1317-65-3	TWA: 5 mg/m³ 8 hours. Form: Respirable fraction TWA: 15 mg/m³ 8 hours. Form: Total dust	NIF
Tin Oxide 18282-10-5	TWA: 2 mg/m3	TWA: 2 mg/m³ Remarks: Eye & Upper Respiratory Tract irritation, headache, pneumoconiosis, nausea

DNELs/DMELs: No DNELs/DMELs available.
PNECs: No PNECs available

8.2 Exposure controls
Appropriate engineering controls: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures
Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety glasses with side shields**.**

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Refer to part number for color
Odor	Characteristic
pH	Not Determined
Melting point/freezing point	Not Determined
Initial boiling point and boiling range	>37.78 °C / >100 °F
Flash point and method	Closed Cup: Not applicable (Product does not sustain combustion)
Evaporation rate	Not Determined
Flammability (solid, gas, liquid)	Not a flammable liquid
Upper/lower flammability or explosive limits	LEL: Not Determined UEL: Not Determined
Vapor pressure	Not Determined
Vapor density (air=1)	Not Determined
Relative density	1.28
Solubility(ies).	Soluble in the following materials: cold water.
Partition coefficient: n-octanol/water	Not Determined
Autoignition temperature	Not Determined
Decomposition temperature	Not Determined
Viscosity	Kinematic (40°C (104°F)): >0.21 cm2/s (>21 cSt)
Volatile by weight	59% (v/v), 46.277% (w/w)

9.2 Other safety information

Density (lbs / gal)	10.68

Solids (w/w)	53.723 %
VOC	Not Determined

Section 10 STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive under normal conditions.
10.2 Chemical stability: Stable under normal storage conditions.
10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur. Harzardous reactions are not expected to occur during normal processes.
10.4 Conditions to avoid: Keep out of reach of children. See Sec. 7 Handling & Storage. When exposed to high temperatures may produce hazardous decomposition products.
10.5 Incompatible Materials: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products: Carbon monoxide. Carbon dioxide (CO_2), smoke, oxides of nitrogen.

Section 11 TOXICOLOGY INFORMATION

Acute toxicity: There are no data available on the mixture itself.

Chemical Name	Oral	Dermal	Inhalation LC50
Titanium Dioxide	NIF	NIF	>10 g/L (Rat) 4

Irritation/Corrosion: There are no data available on the mixture itself.
Sensitization: There are no data available on the mixture itself.
Mutagenicity: There are no data available on the mixture itself.
Carcinogenicity: There are no data available on the mixture itself.

Chemical Name	OSHA	IARC	NTP
Titanium Dioxide	Not listed	2B	Not listed

Reproductive toxicity: There are no data available on the mixture itself.
Teratogenicity: There are no data available on the mixture itself.
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin, eyes.
Aspiration hazard: Not available
Information on the likely routes of exposure:
Potential acute health effects
Eye Contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin Contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.
Over-exposure signs/symptoms
Eye Contact: No specific data.
Inhalation: No specific data.
Skin Contact: No specific data.
Ingestion: No specific data.
Delayed and immediate effects and also chronic effects from short and long term exposure
There are no data available on the mixture itself. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact
Short term exposure
Potential immediate effect: No known significant effects or critical hazards.
Potential delayed effects: No known significant effects or critical hazards.
Long term exposure
Potential immediate effect: No known significant effects or critical hazards.
Potential delayed effects: No known significant effects or critical hazards.

Potential chronic health effects
General: No known significant effects or critical hazards.
Carcinogenicity: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity
Acute toxicity estimates
Route: oral
ATE value: 143720.2 mg/kg

Section 12 ECOLOGICAL INFORMATION

12.1 Toxicity:

Chemical Name	Algae/aquatic plants	Fish	Crustacea
titanium dioxide	Not determined	Not determined	48 h Daphnia magna Acute LC50 > 100 mg/l fresh water

12.2 Persistence and degradability: Not determined.

12.3 Bioaccumulative potential: Bioaccumulative potential.

12.4 Mobility in soil
Soil/water partition coefficient (KOC): Not determined
Mobility: Not determined

12.5 Results of PBT and vPvB assessment: Not determined
12.6 Other adverse effects: Not determined.

Section 13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Waste from Residues / Unused Products The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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

Section 14 TRANSPORTATION INFORMATION

	Proper Shipping Name	Hazard Class	UN number	NOTE

US DOT ground	Non Hazardous Material	NA	NA	
US DOT air	Non Hazardous Material	NA	NA	
IATA	Non Hazardous Material	NA	NA	
IMDG	Non Hazardous Material	NA	NA	

Section 15 REGULATORY INFORMATION

US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117, 302: Not applicable

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
Section 302 – None of the chemicals are extremely hazardous substances (40 CFR 355).
Section 311/312 –Safety Data Sheet Requirements (40 CFR 370):
Titanium dioxide: delayed (chronic) health hazard
SARA Section 313**:** Not applicable

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Not classified.

STATE REGULATIONS:
The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Titanium Dioxide	X	X	X
Limestone	X	X	X
Tin Oxide	X	X	X
Antimony Pentoxide	X	Not subbject	X

California Proposition 65: This product does not contain chemicals known to the state of California to cause cancer.

INTERNATIONAL REGULATIONS:
15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. All Intentionally present components are listed on the DSL

European Union: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**.**
This product contains does not contain candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 : Not applicable

International Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

15.2. Chemical Safety Assessment
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Sections 16 OTHER INFORMATION

NFPA HAZARD RATING: (**0**) Fire (**1**) Health (**0**) Reactivity
HMIS HAZARD RATING: (**0**) Fire (**1**) Health (**0**) Physical hazards

REVISION DATES, SECTIONS, REVISED BY:

15-Jan-18,	Original release date, mkb
05-May-18	Rev. sections 1, 7, mkb
29-Oct-20	Reviewed
04-Aug-21	Revised section 1, added parts, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:
NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:
Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazardous Communication Standard
US Department of Labor; Occupational Safety & Health Administration (www.osha.gov)
The Environmental Protection Agency (www.epa.gov)
The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
Government of Canada: http://canadagazette.gc.ca/news-e.html

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