

AERCHEM, INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

Effective Date: 06/05/96

Product Name: Titanuim Slurry(all grades)

CAS No.: 13463-67-7

Hazardous Ingredients:

<u>Material:</u>	<u>CAS#:</u>	<u>%</u>	<u>LD50/LC50</u>
Aluminum Oxide	1344-28-1	0-10	Oral LD50(rat) >10000mg/Kg
Amorphous Silica	7631-86-9	0-10	Oral LD50(rat) >10000mg/Kg

Physical Data:

Physical State:	Liquid
Boiling point:	As Water
pH:	7.0-10.0
Solubility in Water:	N/A
Odor:	N/A
Appearance:	White opaque liquid
Vapor Pressure:	As Water
Vapor Density	
Evaporation Rate:	As Water
Freezing Point:	<0°C
Specific Gravity:	1.8-2.5 g/ml

Fire and Explosion Information:

Flash point:	N/A
(Auto) ignition temperature:	N/A
Extinguishing media to be recommended:	Material will not burn
to be avoided:	N/A
Special fire and explosions precautions:	N/A

Reactivity Data: **Stable** X **Unstable** _____

Hazardous Decomposition: Material will not occur.

Hazardous Polymerization: will not occur.

Incompatibilities:None known.

Handling and Storage Information:

The material is not regulated as a hazardous material by the DOT or IMO. The material is shipped in tank cars or tank trucks.

NFPA Rating
Fire.....0
Health.....0

HMIS Rating
Health.....0
Flammability.....0

Reactivity.....0
Special.....0

Reactivity.....0
Personal protection.....0

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Leak/Spill Information:

Use whatever means necessary to clean up spills such as broom, brush, absorbent materials. Flush residue to wastewater treatment system. Avoid slipping in wet slurry on the floor.

Disposal Information:

Any disposal must be made within Federal, State and Local regulations.

Health Hazard Information:

A. Exposure/Health Effects

Inhalation: Avoid breathing dust. Use a dust filter respirator if overexposure limits are exceeded.

Chronic Exposures: Results of a DUPONT Epidemiology study showed that employees who had been exposed to Titanium Dioxide pigments were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium Dioxide pigments. Based on the results of this study, DUPONT concluded that Titanium Dioxide pigments will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the work place. The slurry could be slightly irritating to the eyes or skin because of its alkalinity.

B. First Aid:

Inhalation: not applicable.

Ingestion: No specific action is recommended. Obtain medical assistance if necessary.

Skin Contact: The pigment is not hazardous, but washing the skin exposure areas after use is recommended.

Eye Contact: Immediately flush eyes with a large volume of water for at least 15 minutes. Obtain medical assistance.

C. Toxicity Data

Occupational Control Measures: Engineering controls are not usually necessary, if good hygiene practices are strictly followed

Ventilation Systems: Not applicable.

Personal Respirators (Niosh Approved): not applicable.

Skin Protection: Not applicable

Eye Protection: Safety glasses with side shields should be worn.
