

# SDS- SAFETY DATA SHEET

This Safety Data Sheet complies with the U.S.  
OSHA Hazard Communication Standard 29 CFR 1910.1200

## 1. IDENTIFICATION

**Product Identity / Trade Name:** Colored Pencil: Titanium White

**Product Use:** Art Product

**Manufacturer:** Brush and Pencil  
526 Kingwood Dive #193  
Kingwood, TX 77339

**Information Phone:** (281) 747-6045  
**Emergency Phone:** (281) 747-6045 (M-F 9-4)

**Date of Preparation:** January 12, 2017

## 2. HAZARD(S) IDENTIFICATION

**Classification:**

Physical	Health
Non-Hazardous	Carcinogen Category 2



**Symbol(s):**

**Signal word:** Warning!

**Hazard statement(s):**  
Suspected of causing cancer by inhalation.

**Precautionary statement(s):**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
IF exposed or concerned: Get medical attention.  
Store locked up.  
Dispose of contents and container in accordance with local and national regulations.

**Hazards not otherwise classified:** None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight %
Titanium Dioxide	13463-67-7	97-100
Alumina	1333-84-2	0.2-2.0

The specific identity and/or exact percentage have been withheld as a trade secret.

#### 4. FIRST-AID MEASURES

**Ingestion:** If large amounts are swallowed, seek medical attention.

**Inhalation:** Remove to fresh air. If inhaled, blow nose and drink water to clear throat.

**Eye Contact:** Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation develops or persists.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Most important symptoms/effects, acute and delayed:** Eye contact with dust may cause mechanical irritation. Contains titanium dioxide which is suspected of causing cancer by inhalation.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is generally not required.

#### 5. FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Use any media that is appropriate for the surrounding fire.

**Specific hazards arising from the chemical:** Not flammable or combustible.

**Special protective equipment and precautions for fire-fighters:** No special precautions required.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid contact with eyes. Avoid breathing dust.

**Environmental precautions:** None required

**Methods and materials for containment and cleaning up:** Pick up and place in a suitable container for use or disposal. Avoid dust generation.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Minimize the generation and accumulation of dust. If dust is generated, avoid breathing dust, avoid contact with skin, and contact with eyes.

**Conditions for safe storage, including any incompatibilities:** Store in a dry location under ambient conditions away from strong acids and oxidizing agents.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure guidelines:**

Chemical Name	ACGIH TLV	OSHA PEL
Titanium Dioxide	15 mg/m <sup>3</sup> TWA (Total dust)	15 mg/m <sup>3</sup> TWA (Total dust)
Alumina (as Al)	1.0 mg/m <sup>3</sup> TWA (Respirable)	15 mg/m <sup>3</sup> TWA (Total dust) 5 mg/m <sup>3</sup> TWA (Respirable fraction)

**Appropriate engineering controls:** No special ventilation is normally required.

**Individual protection measures, such as personal protective equipment:**

**Respiratory protection:** None normally required. Use NIOSH approved particulate respirator if exposure limits are exceeded. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin protection:** None required.

**Eye protection:** Avoid eye contact.

**Other:** None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (physical state, color, etc.):** White powder.

**Odor:** No Odor

<b>Odor threshold:</b> Not applicable	<b>pH:</b> Not applicable
<b>Melting point/freezing point:</b> >1000 °C	<b>Boiling Point:</b> Not determined
<b>Flash point:</b> Not applicable	<b>Evaporation rate:</b> Not applicable
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not applicable	<b>Vapor density:</b> Not applicable
<b>Relative density:</b> Not determined	<b>Solubility(ies):</b> Not soluble
<b>Partition coefficient: n-octanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> Not applicable
<b>Decomposition temperature:</b> Not applicable	<b>Viscosity:</b> Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** None expected.

**Conditions to avoid:** Avoid dust formation.

**Incompatible materials:** Strong acids, strong oxidizing agents.

**Hazardous decomposition products:** None under normal use conditions.

## 11. TOXICOLOGICAL INFORMATION

**Routes of exposure:**

**Ingestion:** None expected under normal use conditions.

**Inhalation:** Excessive exposure to dust may cause irritation of nose or throat.

**Eye:** Dust particles may cause abrasive injury to the eyes.

**Skin:** None expected.

**Chronic:** Long-term inhalation overexposure to high concentrations of respirable dust may cause adverse lung effects.

**Carcinogenicity:** Titanium dioxide is classified by IARC as suspected carcinogens (Group 2B). Titanium dioxide is suspected of causing cancer only by inhalation of respirable particles. None of the other components present are listed as carcinogens or suspected carcinogens by IARC, NTP, or OSHA.

**Numerical measures of toxicity:**

Product: Not acutely toxic.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Titanium Dioxide: LD50: Oncorhynchus mykiss >100 mg/L/96 hr.

Alumina: LD50: Oncorhynchus mykiss 120 ug/L/96 hr.; LC50: Daphnia Magna: 2.6 mg/L/24 hr.

**Persistence and degradability:** Biodegradation is not applicable to inorganic compounds.

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

#### 14. TRANSPORT INFORMATION

**DOT Hazardous Materials Description:** Not Regulated

#### 15. REGULATORY INFORMATION

**SARA Section 313:** This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Toxic Chemical Release Reporting): None

##### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	<b>No</b>
<b>Chronic Health Hazard</b>	<b>Yes</b>
<b>Fire hazard</b>	<b>No</b>
<b>Sudden release of pressure hazard</b>	<b>No</b>
<b>Reactive Hazard</b>	<b>No</b>

##### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42): None

##### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): None

##### **US State Regulations**

##### **California Proposition 65**

This product contains the following Proposition 65 chemicals: Titanium Dioxide CAS# 13463-67-7 at 97-100%

##### **INTERNATIONAL INVENTORIES**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

##### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### 16. OTHER INFORMATION

**Date Previous Revision:** N/A  
**Date This Revision:** January 12, 2017  
**Revision Summary:** New SDS

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.