



SAFETY DATA SHEET

Issuing Date: 05-May-2017

Revision Date: 11-October-2021

Version 3

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name: Mr. Cornwall's® Creative Colours- Titanium White (Titanium Dioxide)

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

Recommended use Opacifying white pigment powder in paints, coatings, printing inks, plastics, paper, rubber

Uses advised against Not applicable

Details of the supplier of the safety data sheet

Manufacturer: OCOOW LLC
Address: 4700 Chaires Cross Rd
Tallahassee, FL 32317
Phone Number: (850) 695-2055
For further information, please contact:
Contact Point www.odiesoil.com
Email Address info@odiesoil.com
24 Hr. Emergency Tel # No information available

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

In accordance with Regulation (EC) No 1272/2008

Mr. Cornwall's® Creative Colours- Titanium White is not a hazardous material under current US Department of Labor definitions. The product contains no substances which, at its given concentration, are considered to be hazardous to health. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product.

Physical State: Powder.

Color: White.

Classification of The Substance or Mixture: Not classified.

Signal Word: No signal word.

Hazard Statements: No known significant effects or critical hazards.

Hazard Not Otherwise Classified (HNOC) Precautionary statements: None known.

Prevention: Not applicable.

Response: Not applicable.

Storage: Not applicable.

Disposal: Not applicable.

Supplemental label elements: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.: 13463-67-7 EINECS No.: 236-675-5 Titanium dioxide >92%

EC Classification No. 1272/2008

Ingredients	% WW	CAS No	EC No	Hazard statement(s)
Titanium dioxide	>92%	13463-67-7	236-675-5	Not classified
Aluminium hydroxide	0-7%	21645-51-2	244-492-7	Not classified
Silicon dioxide	0-7%	7631-86-9	231-545-4	Not classified
Zirconium dioxide	0-2%	1314-23-4	215-227-2	Not classified

EC Classification No. 67/548/EEC

Ingredients	% WW	CAS No.	EC No.	Classification and Risk Phrases
Titanium dioxide	>92%	13463-67-7	236-675-5	Not Classified
Aluminium hydroxide	0-7%	21645-51-2	244-492-7	Not Classified
Silicon dioxide	0-7%	7631-86-9	231-545-4	Not Classified
Zirconium dioxide	0-2%	1314-23-4	215-227-2	Not Classified

Substance/Mixture: Substance

4. FIRST AID MEASURES

Description of First-Aid Measures:

Inhalation: Remove patient from exposure. Give oxygen if breathing is difficult. Apply artificial respiration if necessary.

Skin: Wash affected skin with soap and plenty of water. Wash contaminated clothing before reuse.

Ingestion: Make victim drink water. Do not induce vomiting. If symptoms develop, obtain medical attention.

Eye Contact: If substance has gotten into the eyes, immediately wash out with plenty of water for several minutes. If irritation develops and persists, get medical attention.

Most Important Symptoms and Effects, Both Acute and Delayed: Irritation, coughing, nausea, vomiting, diarrhea

Indication of the Immediate Medical Attention and Special: Treatment Needed:
Increased difficulty in breathing



5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire. In case of fire, use water spray (fog), foam or dry chemical.

Unsuitable Extinguishing Media: No information available

Special hazards arising from the substance or mixture

No specific fire or explosion hazard

Hazardous Thermal Decomposition Products: No specific data

Advice for firefighters

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.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures 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 dust. Put on appropriate personal protective equipment.

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).

Methods and material for containment and cleaning up Move containers from spill area. Approach release from upwind. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.

Reference to Other Sections: See Section 1 for emergency contact information. See Section 13 for waste disposal. Prevent entry into sewers, water courses, basements or confined areas.

7. HANDLING AND STORAGE

Precautions for safe handling Avoid breathing dust. Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands and face before eating, drinking and smoking. Put on appropriate personal protection equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Conditions for safe storage, including any incompatibilities 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. Empty containers or liners may retain some product residues.

Storage Temperature: Keep at a temperature not exceeding 35 (oC)

Storage Life: > One year

Incompatible materials: Strong acids and reducing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: WEL: Workplace Exposure Limit (UK HSE EH40)

LTEL (8hr TWA mg/m³) 10 mg/m³ (Total inhalable dust)

LTEL (8hr TWA mg/m³) 4 mg/m³ (Respirable dust)

Appropriate Engineering Controls:

Use only with adequate ventilation. 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.

Personal Protection:

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.

Respiratory Protection: Dust-protection mask.

Skin Protection: Wear suitable protective clothing and gloves. Suitable protective footwear.

Eye/Face Protection: If contact with product is possible, wear safety glasses with side shields.

Medical Surveillance: Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Solid. (powder)

Color: White.

Odor: Odorless

Odor Threshold: Not available.

PH: 6-9

Boiling Point: Not available.

Melting Point: 1830 degrees C (3326 degrees F)

Flash Point: Not available.

Evaporation Rate: Not available.

Explosion Limits: Not available.

Vapor Pressure: Not available.

Density: 3.6-4.3g/ml at 25 degC

Specific Gravity (Relative Density): not available.

Solubility: Insoluble in the following Materials: water

Partition Coefficient: Noctanol/Water: Not available.

Vapor Density: Not available. **Viscosity:** Not available.

Auto-Ignition Temperature: Not available.

Decomposition TEMPERATURE: Not available.

10. STABILITY AND REACTIVITY

Reactivity Metal oxide type reactions

Chemical stability Stable

Possibility of hazardous reactions Reacts violently with molten electropositive metals

Conditions to Avoid: No specific data.

Incompatible materials Strong acids, strong reducing agents

Hazardous decomposition products Unknown if any

11. TOXICOLOGY INFORMATION

Information on Toxicological Effects:

Substances:

Acute Toxicity: N/A

Ingestion: LD50>10000 mg/kg (rat)

Inhalation (4 hrs): No information available

Skin Contact: LD50>1000 mg/kg (rabbit)

Skin Corrosion/Irritation: Non-irritant

Serious Eye Damage/Irritation: Non-irritant to rabbit eyes

Respiratory or Skin Sensitization: It is not a skin sensitizer

Mutagenicity: Germ cell mutagenicity. Not classified as mutagen for humans

Carcinogenicity: Inhalation study (rat)-Tumorigenic: Carcinogenic by RTECS criteria (lungs, thorax, respiration) Intramuscular (rat)-Tumorigenic: Neoplastic by RTECS criteria (blood: Lymphoma including Hodgkin's disease) IARC Classification: Group 2B. No evidence of increased cancer in humans.

Reproductive Toxicity: No evidence of reproductive toxicity

STOT-Single Exposure: Inhalation: Irritation of the respiratory tract. Coughing **Ingestion:** Ingestion may cause irritation of the gastrointestinal tract. Diarrhea

STOT-Repeated Exposure: Inhalation: Structural changes in trachea or bronchi.

Congestion: Changes in cell count (rat) (mouse)

12. ECOLOGICAL INFORMATION

Toxicity:

(fish) (96 hrs)

LC50>1000 mg/l (Fathead minnow)

(Daphnia magna) (48 hrs)

EC50>1000 mg/l

Persistence and Degradability: The product is not biodegradable

Bio accumulative Potential (96 Hrs): The product has no potential for bioaccumulation

Mobility in Soil: The substance is predicted to have low mobility in soil

Results of Pbt and Vpvp Assessment: Not classified as PBT or vPvB

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste disposal should be in accordance with existing federal state, provincial and or local environment controls laws.



RCRA Classification: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

14. TRANSPORT INFORMATION

DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations. Legislation Specific for the Substance or Mixture

EU Regulations:

Authorizations And/Or Restrictions on Use: None anticipated

National Regulations: None assigned

Chemical Safety Assessment: No chemical safety assessment (CSA) has been carried out

16. OTHER INFORMATION

Hazardous Material Information System:

Health: 0, Flammability: 0, Physical hazards: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

National Fire Protection Association (U.S.A.):

Health: 0, Flammability: 0, Instability/Reactivity: 0 Special:
(0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe)

Issue Date: 05-May-2017

Revision Date: 01-December-2020 – Reason: Contact information change

Revision Date: 11-October-2021 – Reason: Contact information change

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Disclaimer and/or Comments

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