



SAFETY DATA SHEET
TITANIA Total Surface Protection

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Compilation date: 12/16/2017
Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: TITANIA Total Surface Protection

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

Use of substance / mixture: Water based surface preservative

1.3. Details of the supplier of the safety data sheet

Manufacturer name: Granite Marketing Inc.
8924 E Pinnacle Peak Rd Ste G5-470
Scottsdale, AZ 85255
Tel: (860) 877-2594

Distributor name: 4Everguard Protective Coatings
PO Box 383
Birmingham, MI 48012
Tel: 313-444-4194
info@4everguard.com

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard classification: Non-hazardous

2.2. Label elements

Hazard statements: none

Signal words: none

Hazard pictograms: none

Precautionary statements: none

Hazard symbols: none

Risk phrases: none

Safety phrases: none

2.3. Other hazards

Other hazards: none



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Section 3: Composition/information on ingredients

3.2. Mixtures

Classification of chemical substance/mixture: Mixture

Chemical identity	Common name	CAS No.	Content (%)
TixPO ₄	Phosphoric acid titania Proprietary Blend	13765-94-1	10
H ₂ O	Water	7732-18-5	90

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Rinse hands with soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: No irritation to the skin

Eye contact: No irritation to the eye.

Ingestion: May experience dryness.

Inhalation: May experience dryness.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: None

5.3. Advice for fire-fighters

Advice for fire-fighters: No special equipment needed for this product.



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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. In the event of a small spill, remove the released product by absorbing with sawdust, waste cloth, etc. Then wipe off any remaining residue thoroughly with waste cloth. Take caution around spill area as it will be slippery.

6.2. Environmental precautions

Environmental precautions: No adverse environmental effects, however, do not discharge into drains or rivers. Contain the spillage using the appropriate methods.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into sawdust or waste rags. Dispose of in appropriate closed containers.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Cannot be stored outdoors, or in areas of high temperature, high humidity, or where product freezing is possible.

7.3. Specific end use(s)

Specific end use(s): No data available.



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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

Protection by equipment: Not needed

Control concentration: No regulation

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Not required. Simple dust mask if user has breathing problems.

Hand protection: Not required. Simple protective gloves to prevent dryness.

Eye protection: Not required. Safety glasses to prevent dryness of eyes.

Skin protection: Not required.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Colorless

Odor: Odorless

Odor threshold: No information available

PH: 10-12

Melting point / freezing point: No data available

Initial boiling point and boiling range: >212° F

Flash point: This product itself does not burn.

Evaporation rate: This product itself does not burn.

Flammability (solid, gas): This product itself does not burn.

Upper/Lower flammability limits: No data available

Vapor pressure: No data available

Vapor density : No data available

Specific gravity: 1.00

Solubility: Soluble in water and alcohol

Partition coefficient: No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.



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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under any circumstances.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Prolonged exposure to high heat or freezing conditions.

10.5. Incompatible materials

Materials to avoid: Strong oxidizing agents. Strong acids.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: LD 50 = 2,000 mg or more / kg (oral, rat)

Symptoms / routes of exposure

Skin contact: No irritation has been observed in rabbits in the skin irritation test.
Eye contact: No irritation has been observed in rabbits in the eye irritation test.
Ingestion: No skin sensitization has been induced in the guinea pig skin sensitization test.
Inhalation: No skin sensitization has been induced in the guinea pig skin sensitization test.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available. The material has been excluded from the classification.

12.2. Persistence and degradability

Persistence and degradability: No data available. The material has been excluded from the classification.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available. The material has been excluded from the classification.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by disposal company.
Disposal of packaging: No special requirements for disposal of packaging.



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Section 14: Transport information

UN number: No UN number needed. Product is non-hazardous.

UN Proper shipping name: Not needed.

Transport Hazard class: Not needed.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Fire law: Non-hazardous substance

Poisonous & deleterious substances control law: not applicable

Industrial safety & health law: not applicable

Water pollution control law: not applicable (due to a phosphorous content of 16 mg/L or less)

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.