



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: White Product Code: ISC-5500

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Carcinogen	2	Limited evidence of human or animal carcinogenicity

GHS Hazards

H226	Flammable liquid and vapour
H351	Suspected of causing cancer

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313	IF exposed or concerned: Get medical attention/advice
P370+P378	In case of fire: Use CO ₂ , dry chemical, or foam for extinction
P405	Store locked up
P403+P235	Store in a well-ventilated place. Keep container tightly closed
P501	Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: Warning



Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
TITANIUM DIOXIDE	13463-67-7	60.00% - 70.00%
Inert		20.00% - 30.00%
2-methoxy-1-methylethyl acetate	108-65-6	10.00% - 20.00%
ALUMINUM HYDROXIDE	21645-51-2	1.00% - 5.00%
Xylene isomers	1330-20-7	0.10% - 1.00%

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

Notes to Physician: Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL: 1.00

UEL: 13.00

Flammable Limits:

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the

spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas .

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
TITANIUM DIOXIDE 13463-67-7	15 mg/m ³	10 mg/m ³	Not Established
Inert	Not Established	Not Established	Not Established
2-methoxy-1-methylethyl acetate 108-65-6	Not Established	Not Established	Not Established
ALUMINUM HYDROXIDE 21645-51-2	Not Established	Not Established	Not Established
Xylene isomers 1330-20-7	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	Not Established

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Appearance: Liquid Vapor Pressure: 0.24 kPa Vapor Density: 4.6 Solubility: Not miscible or difficult to mix Flash point: 37°C Explosive Limits: Lower=1.3% Upper=13.1% Viscosity: 40 mPas	Odor: Weak, characteristic Relative Density: 1.97 Density: 16.6 lb/gal Boiling point: 140°C Evaporation rate: 0.35 Decomposition temperature: >260°C (>500°F) Grams VOC less water: 271
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Section 10 - Stability and Reactivity

Stability:

STABLE

Incompatibilities/Conditions to avoid: Elevated temperatures. Contact with oxidizing agent/oxidizers.

Hazardous Decomposition: Can produce Carbon Monoxide and/or Carbon Dioxide.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 11mg/L

Component Toxicity

13463-67-7	TITANIUM DIOXIDE Oral LD50: 5,000 mg/kg (Rat) Inhalation LC50: 7 mg/L (Rat)
108-65-6	2-methoxy-1-methylethyl acetate Inhalation LC50: 4,345 ppm (Rat)

Primary routes of entry: Inhalation, Skin contact.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
13463-67-7	TITANIUM DIOXIDE	0% - 70%	TITANIUM DIOXIDE:

Section 12 - Ecological Information

Component Ecotoxicity

TITANIUM DIOXIDE

Ecotoxicity:

Fish: LC 50 - fathead minnow - > 1,000 mg/l - 96h

Invertebrates: EC 50 - Daphnia magna (water flea) - > 1,000 mg/l - 48h

Persistence and degradability:

Readily degradable in the environment.

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

2-methoxy-1-methylethyl acetate

Other adverse effects: No additional information.

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 161 mg/l

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia): 408 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Selenastrum capricornutum (green algae)): > 1,000 mg/l Exposure time: 96 h Test Type: Growth inhibition

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

As cited in the IATA Dangerous Goods Handbook:

Section 3.3.1.3: Liquids described in Section 3.3.1.2 with a flash point exceeding 35°C which do not sustain combustion need not be considered as flammable liquids for the purpose of these Regulations

(b) their fire point according to ISO 2592:1973 is greater than 100°C

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
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Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 TITANIUM DIOXIDE Carcinogen

R2K List

13463-67-7 TITANIUM DIOXIDE

Section 16 - Other Information

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 8/4/2020