

SAFETY DATA SHEET

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Product Code: 480X2257-TK66284

1. Product and Company Identification

Product Name : NO-SLIP

Product Code : 480X2257-TK66284

Recommended Use:

For Industrial Use Only. To be used by Professional Applicators following Manufacturer's Instructions.

Company Identification:

SUMTER COATINGS, INC.

2410 Highway 15 South

Sumter, SC 29150

M-F 8AM-5PM Phone 803-481-3400

Information Phone: 803-481-3400

Emergency Phone: 800-255-3924 CHEMTEL

2. Hazards Identification

GHS Classification and Hazard Statements:

CARCINOGENICITY-Category 2-H351 Suspected of causing cancer.

GHS Precautionary Statements

Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.

Keep container tightly closed. Prevent dust accumulation.

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust, fume, gas, mist, vapor or spray.

Wear protective gloves. Wear eye or face protection.

In case of inadequate ventilation wear respiratory protection.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of contents in accordance with local, regional, national and international regulations.

GHS Label Symbol(s)

GHS 08 - HEALTH HAZARD

Signal word

WARNING

Emergency Overview:

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

3. Composition/Information on Ingredients

COMPONENT	CAS #	VAPOR PRESSURE		WEIGHT
		mm Hg	@ TEMP	PERCENT
ALUMINUM OXIDE	1344-28-1	N/A	N/A	99.0
PEL - 15 mg/m3 (total dust & respirable fraction)				
REL - 5 mg/m3 as Al (respirable/pyro powd./welding f.)				
REL - 10 mg/m3 as Al total dust				
TLV - 1mg/m3 as Al respirable fractions				

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TITANIUM DIOXIDE	13463-67-7	N/A	N/A	1.0
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ACGIH TLV-TWA 10 mg/m3 8 hours
OSHA PEL-TWA 15 mg/m3 8 hours

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

4. First Aid Measures

Eyes:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion:

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Note to Physicians:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire Fighting Measures

Explosive Limits:

Lower explosive limit: N/A

Upper explosive limit: N/A

Hazardous Combustion Products:

Metal oxide/oxides.

Extinguishing Media:

Use dry chemical, carbon dioxide, water spray (fog) or foam. Do not use water jet.

Use an extinguishing agent suitable for the surrounding fire.

Firefighting Procedures:

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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. 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

Small Spill:

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment.

Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

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Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill:

FOR NON-EMERGENCY PERSONNEL: 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. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. FOR EMERGENCY RESPONDERS: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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/Materials for Containment and Cleaning Up:

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and Storage

Handling:

Avoid breathing dust. Handling systems and areas should be operated in such a way as to minimize exposure to dust. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Storage:

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Pigments should not be stored in outside areas exposed to the weather. Care should be taken to avoid exposure to moisture. Store away from oxidizing agents. Store away from foodstuffs. This product is hygroscopic.

8. Exposure Controls/Personal Protection

See Section 3 for Ingredient Occupational Exposure Limits

Engineering Controls:

Use only with adequate ventilation. Use process enclosures, local ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of a work day.

Personal Protective Equipment

Respiratory Protection:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin Protection:

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Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eye Protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible safety glasses with side-shields should be worn, unless the assessment indicates a higher degree of protection.

9. Physical and Chemical Properties

Boiling Point: N/A

Freezing Point/Melting Point: N/A

Flash Point: N/A

Flash Method: N/A

Vapor Pressure: (See Section 3 of this SDS)

Vapor Density: N/A

Solubility in Water: Soluble

Evaporation Rate: N/A

Flammability (solid, gas): Not flammable.

Specific Gravity: 3.9758

Odor: Characteristic

Odor Threshold: Not available.

Appearance: White powder.

Viscosity: Not available

Partition Coefficient: Not available.

Autoignition Temperature: N/A

Decomposition Temperature: N/A

10. Stability and Reactivity

Chemical Stability (Conditions to Avoid):

This product is stable. Avoid the creation of dust when handling. Prevent dust accumulation.

Incompatibility:

Strong oxidizing agents.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous Polymerization:

Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological Information

Eye:

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Adverse symptoms may include the following: irritation and redness.

Skin:

No known significant effects or critical hazards.

Ingestion:

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No known significant effects or critical hazards.

Inhalation:

Exposure to airborne concentrations above the statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Adverse symptoms may include the following: respiratory tract irritation, coughing.

Subchronic:

No known significant effects or critical hazards.

Chronic/Carcinogenicity:

No known significant effects or critical hazards.

International Agency for Research on Cancer (IARC)

CAS#13463-67-7 Chemical name: titanium dioxide

Group 2B: There is sufficient evidence in experimental animals for carcinogenicity of titanium dioxide. IARCs overall evaluation was that "titanium dioxide is possibly carcinogenic to humans."

National Toxicology Program (NTP)

No known significant effects or critical hazards.

Occupational Safety and Health Administration (OSHA)

No known significant effects or critical hazards.

Teratology:

No known significant effects or critical hazards.

Reproduction:

No known significant effects or critical hazards.

Mutagenicity:

CAS#13463-67-7 Chemical name: Titanium dioxide

Experiment: In vitro

Subject: Mammalian-Animal

Metabolic activation: +/-

Result: negative

Experiment: In vitro

Subject: Mammalian-Animal

Metabolic activation: +/-

Result: negative

Experiment: In vivo

Subject: Mammalian-Animal

Result: negative

Acute Toxicity Values:

The acute effects of this product have not been tested.

Data on individual components are tabulated below:

CAS#13463-67-7 Chemical name: Titanium dioxide

Oral LD50: rat: >10000 mg/kg

Inhalation LC50: rat: >6.82 mg/l

STOT-single exposure:

No known significant effects or critical hazards.

STOT-repeated exposure:

No known significant effects or critical hazards.

Routes of Exposure:

No specific data.

12. Ecological Information

Environmental Fate:

Not available

Environmental Toxicity:

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Not available

Chemical Fate Information:

Not available

Other Adverse Effects:

Not available

13. Disposal Considerations

Waste Disposal Method:

Recommendation: Smaller quantities can be disposed of with household waste. Can be reused after reprocessing. Contact waste processors for recycling information. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

Contaminated Materials:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

Domestic (Land, DOT)

UN Number: N/A

UN Proper Shipping Name: Non regulated

Transport Hazard Class: N/A

Packing Group: N/A

Special Precautions for User:

All packaging must be reviewed for suitability prior to shipment, and compliance with applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

DOT information on packaging may be different from that listed.

15. Regulatory Information

U.S. Federal Regulations

No known significant effects or critical hazards.

Comprehensive Environmental Response, Compensation & Liability Act (CERCLA)

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4.

No known significant effects or critical hazards.

SARA Section 313: (See Section 3 of this SDS)

No known significant effects or critical hazards.

International Regulations

Canadian WHMIS:

CAS#13463-67-7 Chemical name: Titanium dioxide

Class D-2A: Material causing other toxic effects (Very toxic). This decision by IARC leads directly to labelling with a D2A classification in Canada under their W.H.M.I.S scheme. Such labelling is not required in other countries.

Canadian Environmental Protection Act (CEPA):

No known significant effects or critical hazards.

European Inventory of Existing Commercial Chemical Substances (EINECS):

No known significant effects or critical hazards.

State Regulations:

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CAS#13463-67-7 Chemical name: Titanium dioxide is listed on the following states Right-to-Know inventories:
Pennsylvania.

California Prop 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

16. Other Information

HMIS CODES: **H F R P**
 2* 0 0 X

Volatile Organic Compounds (Less Water and Exempt Solvents,calc): 0.0 lb/gl

Abbreviation Key

MFR = Manufacturer Recommended Exposure Limit

PEL = Permissible Exposure Limit

STEL= Short Term Exposure Limit

C = Ceiling: Allowable Exposure Level Should Not Be Exceeded For Any Time Period

SKIN= Skin Absorption Must Be Considered As A Route Of Exposure

TWA = Time Weighted Average

IDLH = Immediately Dangerous to Life or Health

PPM = Parts Per Million

WEEL = Workplace Environmental Exposure Levels

Manufacturer Disclaimer:

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Since the use of this information and the conditions and the use of this product are controlled by the user, it is the user's obligation to determine the conditions of safe use of the product.

*****END OF SDS*****