

Section 1 - Product and Company Identification

Product Name: ColorMeld 5280 (Color: TN6A)

Company:

Wolverine Coatings Corporation
5969 Highway 221
Roebuck, SC 29376

ChemTel 24 Hr. Emergency Contact:

United States Emergency Number: 1-800-255-3924
Worldwide Emergency Number: 1-813-248-0585

Product Use: Coatings / Composites / Adhesives
Not recommended for: None Identified

Section 2 - Hazards Identification

GHS Ratings

Carcinogen 2 Limited evidence of human or animal carcinogenicity (Carbon Black in Dust Form)*

GHS Hazards

H351 Suspected of causing cancer (Carbon Black in Dust Form)*

GHS Precautions

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P281 Use personal protective equipment as required
P308+P313 IF exposed or concerned: Get medical advice/attention
P405 Store locked up
P501 Dispose of contents/container in accordance with all local, regional, national, and international regulations.

***Supplemental information:** When this product is in liquid or paste form, the physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

Signal Word: Warning



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS Number	Weight Concentration
Titanium Dioxide	13463-67-7	40.00% - 50.00%
Amorphous Silica	112926-00-8	5.00% - 10.00%
Aluminum Hydroxide	21645-51-2	5.00% - 10.00%
Carbon mesoporous	1333-86-4	0.10% - 1.00%

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Section 4 – First Aid Measures

Inhalation: If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Eye Contact: Immediately flush eyes for at least fifteen minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. If eye irritation persists: Get medical advice/attention.

Skin contact: Immediately remove contaminated clothing and shoes. Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. If a person vomits when lying on his back, place him in the recovery position. Get immediate medical attention.

Section 5 – Fire Fighting Measures

Flash Point: N/A
LEL: Not Available

UEL: Not Available

Extinguishing Media: Use carbon dioxide, foam, dry chemical, dry sand, water fog, or limestone powder extinguishing systems.

Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See section 10 (Stability and Reactivity) for additional information.

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Spill and Leak Procedures: Avoid all personal contact. Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection.

Spills should be contained, solidified, and placed in suitable containers for disposal.

Section 7 - Handling and Storage

Handling Precautions: Use good laboratory/workplace procedures. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye and skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Discard shoes contaminated with this product.

Storage Requirements: Keep away from heat, sparks, and open flames. Store cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use.

Section 8 – Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Titanium Dioxide 13463-67-7	TWA: 15 mg/m ³	TWA: 10 mg/m ³	Not Established
Amorphous Silica 112926-00-8	OEL-TWA: 80 mg/m ³	Not Established	Not Established
Aluminum Hydroxide 21645-51-2	Not Established	Not Established	Not Established
Carbon mesoporous 1333-86-4	OEL-TWA: 3.5 mg/m ³	TLV-TWA: 3.5 mg/m ³	Not Established

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Ventilation: Good general mechanical ventilation and local exhaust is recommended.

Eye wash must be easily accessible. Wear protective clothing as necessary to prevent contact. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Gloves must be inspected regularly and prior to each use. Replace if necessary.

Personal Protective Equipment:

Wear impervious protective gloves. Wear OSHA, NIOSH approved organic vapor respirator if ventilation is inadequate. Wear appropriate protective eyewear such as splash-proof, chemical resistant safety goggles.

Take off all contaminated clothing immediately. Wash contaminated clothing before reuse.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

Appearance:	Liquid	Odor:	Slight
Vapor Pressure:	Not Available	Odor Threshold:	Not Available
Vapor Density:	Not Available	pH:	Not Available
Density (g/cm³):	1.85	Melting Point:	Not Available
Freezing Point:	Not Available	Solubility:	Not Available
Boiling Range:	Not Available	Flash Point:	Not Available
Evaporation Rate:	Not Available	Flammability:	Not Available
Explosive Limits:	Not Available	Partition Coefficient (n-octanol/water):	Not Available
Autoignition Temperature:	Not Available	Decomposition Temperature:	Not Available
Viscosity:	Not Available	Grams VOC less water:	None

Section 10 – Stability and Reactivity

Stability: STABLE

Components of this mixture are incompatible with the following materials:

- Strong Acids
- Strong Oxidizers

This mixture is likely to exhibit the following combustion products:

- Carbon Dioxide, Carbon Monoxide
- Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 35mg/L

Component Toxicity

- | | |
|------------|--|
| 13463-67-7 | Titanium Dioxide
Inhalation LC50: 7 mg/kg (Rat) |
| 21645-51-2 | Aluminum Hydroxide
Oral LD50: 2,000 mg/kg (rat) |

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1333-86-4 Carbon mesoporous
Dermal LD50: 3,000 mg/kg (rabbit)

Routes of Entry:

Inhalation Skin Contact Eye Contact Ingestion

Exposure to this material may affect the following organs:

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>
1333-86-4	Carbon mesoporous	0.1 to 1.0%	Carbon mesoporous:

Section 12 - Ecological Information

Component Toxicity

Titanium Dioxide	LC50 >1000 mg/l fish 96h; EC50 >1000 mg/l water flea 48h; EC50 >100 mg/l algae 72h
Carbon mesoporous	LC50 1000 mg/l fish 96h; EC50 5600 mg/l water flea 24h; EC50 10000 mg/l algae 72h

Section 13 - Disposal Considerations

Waste disposal Methods: Dispose in accordance with Federal, State and Local regulations.

Section 14 - Transport Information

This material is classified for transport as follows: DOT Not Regulated

Section 15 - Regulatory Information

Additional regulatory listings, where applicable

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:

Carbon mesoporous 1333-86-4
Titanium Dioxide 13463-67-7

Materials not included on the Canada DSL inventory:

- None

Commonwealth of Massachusetts "Right to Know": This product contains the following toxic or hazardous substances which appear on the Massachusetts Substance List:

Carbon mesoporous 1333-86-4
Amorphous Silica 112926-00-8
Titanium Dioxide 13463-67-7

NJ "Right to Know": This product contains the following toxic or hazardous substances which appear on the New Jersey Substance List:

Carbon mesoporous 1333-86-4
Aluminum Hydroxide 21645-51-2
Amorphous Silica 112926-00-8

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Titanium Dioxide 13463-67-7

Pennsylvania "Right to Know": This product contains the following toxic or hazardous substances which appear on the Pennsylvania Substance List:

Carbon mesoporous 1333-86-4
Aluminum Hydroxide 21645-51-2
Amorphous Silica 112926-00-8
Titanium Dioxide 13463-67-7

EPA SARA Title III Section 313 (40 CFR 372) components above 'de minimum' level:

None

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- None

Section 16 -Other Information

For further information, please contact the Product Safety director. The information and recommendations contained herein are, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. Users of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely. No representations or warranties, either expressed or implied of merchantability, fitness for a particular purpose, or any other nature, are made hereunder with respect to the information contained herein, or to the chemical to which the user refers.

Date Prepared/Revised: 2019-11-25, Revision: 01