

**ALPHAGUARD BIO TOP COAT PART A 5 GAL**Version 4.0  
REVISION DATE: 11/19/2014

Print Date 01/22/2015

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : **ALPHAGUARD BIO TOP COAT PART A 5 GAL**

Product code : 351710A805

COMPANY : Tremco Incorporated  
3735 Green Road  
Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
Emergency Phone : (216) 765-6727 8:30 - 5:00 EST  
After Hours: Chemtrec 1-800-424-9300

Product use : Coating

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

White. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : No serious effects anticipated under normal conditions of use.  
Eyes : Direct contact may cause mild irritation.  
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
Skin : May cause mild irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Prolonged and repeated exposure to excessive airborne concentrations of talc can result in scarring of the lungs (pneumoconiosis) or the covering of the lungs (pleural thickening). Overexposure to sublimed zinc oxide may produce symptoms known as "zinc oxide chills" which have no recognized complications. Symptoms usually disappear within 24 hours. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 3 - PRODUCT COMPOSITION**

<b>Chemical Name</b>	<b>CAS-No.</b>	<b>Weight %</b>
Low acid filtered neutral oil	8001-79-4	40.0 - 70.0
Titanium dioxide	13463-67-7	10.0 - 30.0
Talc	14807-96-6	10.0 - 30.0
Fire retardant	NJ TSRN# 51721300-5035P	7.0 - 13.0
Calcium carbonate	471-34-1	5.0 - 10.0
Aldimine	54914-37-3	3.0 - 7.0
Calcium oxide	1305-78-8	1.0 - 5.0
Zinc oxide	1314-13-2	1.0 - 5.0
Aluminum oxide	1344-28-1	0.1 - 1.0

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Hydrotreated heavy naphthenic distillate 64742-52-5

0.1 - 1.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Get medical attention. Do not induce vomiting.
- Notes to physician : Not applicable.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : 77 °C, 171 °F
- Method : Not available.
- Burning rate : Non-Flammable Liquid
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use.
- Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

**SECTION 7 - HANDLING AND STORAGE**

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

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**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**
**Personal protection equipment**

- Respiratory protection : Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Regulation</b>	<b>Limit</b>	<b>Form</b>
Titanium dioxide	13463-67-7	ACGIH TWA: OSHA TWA: OSHA TWA:	10 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Talc	14807-96-6	ACGIH TWA: OSHA TWA: OSHA TWA:	2 mg/m3 0.1 mg/m3 0.3 mg/m3	Respirable fraction. Respirable. Total dust.
Fire retardant	NJ TSRN# 51721300-5035P	ACGIH TWA:	1 mg/m3	Respirable fraction.
Calcium oxide	1305-78-8	ACGIH TWA: OSHA TWA: OSHA TWA:	2 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Zinc oxide	1314-13-2	ACGIH TWA: ACGIH STEL: OSHA TWA: OSHA TWA:	2 mg/m3 10 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Respirable fraction. Total dust. Respirable fraction.
Aluminum oxide	1344-28-1	ACGIH TWA: OSHA TWA: OSHA TWA: ACGIH TWA:	10 mg/m3 15 mg/m3 5 mg/m3 1 mg/m3	Total dust. Respirable fraction. Respirable fraction.
Hydrotreated heavy naphthenic distillate	64742-52-5	ACGIH TWA:	5 mg/m3	Inhalable fraction.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form	: Liquid
Color	: White
Odor	: Fruity
pH	: Not available.
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Soluble
Specific Gravity	: 1.472
% Volatile Weight	: 0 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid	: Strong acids.Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Titanium dioxide, CAS-No.: 13463-67-7	
Acute oral toxicity (LD-50 oral)	25,000 mg/kg ( Rat ) 5,000 mg/kg ( Rat ) 5,000 mg/kg ( Rat ) 2,000 mg/kg ( Rat ) 11,000 mg/kg ( Rat )
Acute inhalation toxicity (LC-50)	> 6.82 mg/l for 4 h ( Rat ) 3.43 mg/l for 4 h ( Rat ) 5.09 mg/l for 4 h ( Rat ) > 2.28 mg/l for 4 h ( Rat ) > 3.56 mg/l for 4 h ( Rat )
Aluminum hydroxide, CAS-No.: 21645-51-2	
Acute oral toxicity (LD-50 oral)	5,000 mg/kg ( Rat )
Calcium carbonate, CAS-No.: 471-34-1	
Acute oral toxicity (LD-50 oral)	6,450 mg/kg ( Rat )
Zinc oxide, CAS-No.: 1314-13-2	
Acute oral toxicity (LD-50 oral)	7,950 mg/kg ( Mouse ) 7,950 mg/kg ( Mouse )

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**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA****CFR / DOT:**

Not Regulated

**TDG:**

Not Regulated

**IMDG:**

Not Regulated

**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
One or more components are listed on the NDSL.

**U.S. Federal Regulations:**

SARA 313 Components : Zinc oxide 1314-13-2

SARA 311/312 Hazards : Acute Health Hazard  
Chronic Health Hazard  
Fire Hazard

**OSHA Hazardous Components :**

Titanium dioxide	13463-67-7
Talc	14807-96-6
Fire retardant	NJ TSRN# 51721300-5035P
Calcium oxide	1305-78-8
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OSHA Status: Considered : Irritant  
hazardous based on the Carcinogen  
following criteria:

OSHA Flammability : IIIA

When appropriately mixed with the other part, product has a VOC less water and exempt solvent of:  
6 g/l

Regulatory VOC (less water and : 1 g/l  
exempt solvent)

VOC Method 310 : 0.04 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:  
Hydrotreated heavy naphthenic distillate 64742-52-5

**U.S. State Regulations:**

MASS RTK Components	:	Titanium dioxide	13463-67-7
		Talc	14807-96-6
		Calcium carbonate	471-34-1
		Calcium oxide	1305-78-8
		Zinc oxide	1314-13-2
		Crystalline Silica (Quartz)/ Silica Sand	14808-60-7
		Cadmium	7440-43-9
Penn RTK Components	:	Low acid filtered neutral oil	8001-79-4
		Titanium dioxide	13463-67-7
		Talc	14807-96-6
		Fire retardant	NJ TSRN# 51721300-5035P
		Calcium carbonate	471-34-1
		Aldimine	54914-37-3
		Calcium oxide	1305-78-8
		Zinc oxide	1314-13-2
NJ RTK Components	:	Low acid filtered neutral oil	8001-79-4
		Titanium dioxide	13463-67-7
		Talc	14807-96-6
		Fire retardant	NJ TSRN# 51721300-5035P
		Calcium carbonate	471-34-1
		Calcium oxide	1305-78-8
		Zinc oxide	1314-13-2
		Hydrotreated heavy naphthenic distillate	64742-52-5

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

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**SECTION 16 - OTHER INFORMATION****HMIS Rating :**

Health	1
Flammability	2
Reactivity	0
PPE	

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
DOT - Department of Transportation  
DSL - Domestic Substance List  
EPA - Environmental Protection Agency  
HMIS - Hazardous Materials Information System  
IARC - International Agency for Research on Cancer  
MSHA - Mine Safety Health Administration  
NDSL - Non-Domestic Substance List  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit  
RCRA - Resource Conservation and Recovery Act  
RTK - Right To Know  
SARA - Superfund Amendments and Reauthorization Act  
STEL - Short Term Exposure Limit  
TLV - Threshold Limit Value  
TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
V - Volume  
VOC - Volatile Organic Compound  
WHMIS - Workplace Hazardous Materials Information System