

1. Identification of the substance/mixture and the company identification

Product ID: ST003-00C UPC# 7 73204 60003 0
Product Name: White WB Topcoat Pen formula
Product Use: Coating for professional use
Formula date: 2019 – 03 – 25
Revision date: 2019 – 04 - 01

Company Identification

Distributed by:

Alexandria Moulding, Inc.
20352 Power Dam Road,
Alexandria, Ontario K0C-1A0
Phone: 1-800-267-1773

FOR EMERGENCY MEDICAL
INFORMATION, CONTACT
LOCAL POISON CONTROL
OFFICE.

Chemical Family: No data available

2. Hazards identification

This product is considered hazardous based on GHS classification criteria.

Classification

Carcinogenicity **Category 2**

Label elements

Pictograms



Signal word: Warning

Hazard statements

Suspected of causing cancer.

Precautionary statements

Obtain special instructions before use.
Wear protective gloves/protective clothing/eye protection/face protection.
IF exposed or concerned: Get medical advice/ attention. Store locked up.
Dispose of contents/container in accordance with local regulations.

Other hazards which do not result in classification

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

The following percentage of the mixture consists of Ingredient(s) with unknown acute toxicity:

0%

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components

<u>CAS-No</u>	<u>Chemical name</u>	<u>Concentration</u>
13463-67-7	Titanium dioxide	10 – 30%
57-55-6	Propylene glycol	3 – 7%
25322-69-4	Polypropylenglykol	0.5 – 1.5 %

Section 4: FIRST AID MEASURES

Eye contact

Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes holding the eyelids apart. Seek medical advice.

Skin contact

Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

Inhalation

Avoid inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label. Do NOT induce vomiting. Keep at rest.

Most Important Symptoms/effects, acute and delayed

Inhalation

May cause nose and throat irritation.

Ingestion

May result in gastrointestinal distress.

Skin or eye contact

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Indication of Immediate medical attention and special treatment needed if necessary

No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray. Dry chemical. Foam.

Extinguishing media which shall not be used for safety reasons

High volume water jet

Hazardous combustion products

CO, CO₂, smoke, and oxides of any heavy metals that are reported in "Composition, Information on Ingredients" section.

Fire and Explosion Hazards

No data available

Special Protective Equipment and Fire Fighting Procedures

Full protective flameproof clothing should be worn as appropriate. Wear self-contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray. Do not allow run-off from firefighting to enter public sewer systems or public waterways.

Section 6: ACCIDENTAL RELEASE MEASURES

Procedures for cleaning up spills or leaks

Ventilate area. If heated above the flashpoint, remove sources of ignition. Prevent skin and eye contact and breathing of vapor. Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C). Eye protection. Gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly.

Environmental precautions

Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Observe label precautions. Close container after each use. It heated above its flash point; this must be handled as if it were a flammable liquid. Do not transfer contents to bottles or unlabeled containers. Wash thoroughly after handling and before eating or smoking. Do not freeze. If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation and gloves. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Buildup of fine material should be cleaned using gentle sweeping or vacuuming in accordance with best practices. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used.

Advice on protection against fire and explosion

Solvent vapours are heavier than air and may spread along floors. Vapors may form explosive mixtures with air and will burn when an ignition source is present. Always keep in containers of same material as the original one. Never use pressure to empty container: container is not a pressure vessel. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

Storage

Requirements for storage areas and containers

Observe label precautions. Store in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage

Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls and work practices

Provide adequate ventilation. This should be achieved by a good general extraction and if practically feasible by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits

CAS-No.	Chemical name	Source	Time	Type	Value	Note
13463-67-7	Titanium dioxide	A	8hr	TWA	15 mg/m ³	Total Dust

Glossary

CEIL Ceiling exposure limit
STEL Short term exposure limit

TWA Time weighted average

TWAE Time-Weighted Average

Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection

Do not breathe vapours or mists. Wear an appropriate, properly fitted NIOSH approved respirator during application and until all vapours and spray mists are exhausted unless air monitoring demonstrates vapour/mist levels are below applicable limits. If respirators are required use a properly fitted air-purifying respirator with organic vapour cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A). In confined spaces, or in situations where continuous spray operations are typical, or if proper air purifying respirator fit is not possible, wear a positive pressure, supplied-air respirator (NIOSH TC-19C). In all cases, follow respirator manufacturer's directions for respirator use.

Eye protection

Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

Skin and body protection

Choose skin and body protection as appropriate for the concentration and quantity of hazardous substances, and to the specific workplace practices.

Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Environmental exposure controls

Do not let product enter drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: liquid Colour: white

Flash point	96 °c	
Lower Explosive Limit	2.4 % based on organic solvents	
Upper Explosive Limit	12.6 % based on organic solvents	
Evaporation rate	slower than Ether	
Vapor pressure of principal solvent	2.8 hPa	
Solubility of Solvent in Water	appreciable	
Vapor density of principal solvent (Air =1)	0.6	
Approx. Boiling Range	100 °c	
Approx. Freezing Range.	-20 - 1843 °c	
Gallon Weight (lbs. /gal)	10.31	
Specific Gravity	1.24	
Percent Volatile By Volume	61.04%	
Percent Volatile By Weight	50.11%	
Percent Solids By Volume	38.96%	
Percent Solids By Weight	49.89%	
pH (waterborne systems only)	No data available.	
Partition coefficient: n-octanol/water	No data available	
Ignition temperature	201 °c	DIN 51794
Decomposition temperature	Not applicable.	
Viscosity (23 °c)	Not applicable.	ISO 2431-1993
VOC less exempt (g/ liter)	138.8	
VOC as packaged (g/ liter)	63.0	

Does not sustain combustion.

• VOC less exempt (theoretical) and VOC as packaged (theoretical) are based upon the VOC of the packaged material at the point of manufacture.

Section 10: STABILITY AND REACTIVITY

Stability

Stable

Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

Materials to avoid

None reasonably foreseeable.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide. Smoke, oxides of nitrogen.

Hazardous Polymerization

Will not occur.

Sensitivity to Static Discharge

It heated above the flash point, solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.

Sensitivity to Mechanical Impact

None known.

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation

May cause nose and throat irritation.

Ingestion

May result in gastrointestinal distress.

Skin or eye contact

May cause irritation or burning of the eyes, Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Delayed and immediate effects and also chronic effects from short and long term exposure:

Acute oral toxicity

Not hazardous

Acute dermal toxicity

Not hazardous

Acute Inhalation toxicity

Not hazardous

% of unknown composition: 0 %

Skin corrosion/ irritation

Not classified according to GHS criteria

Serious eye damage/eye Irritation

Not classified according to GHS criteria

Respiratory sensitization

Not classified according to GHS criteria

Skin sensitization

Not classified according to GHS criteria

Germ cell mutagenicity

Not classified according to GHS criteria

Carcinogenicity

Titanium dioxide Category 2

Toxicity for reproduction

Not classified according to GHS criteria

Target Organ Systemic Toxicant – Single exposure

Not classified according to GHS criteria

Target Organ Systemic Toxicant - Repeated exposure

Not classified according to GHS criteria

Aspiration toxicity

Not classified according to GMS criteria

Numerical measures of toxicity (acute toxicity estimation (ATE), etc.)

No information available.

Symptoms related to the physical, chemical and toxicological

characteristics No information available.

Section 12: ECOLOGICAL INFORMATION

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

Section 13: DISPOSAL CONSIDERATIONS**Provincial Waste Classification**

Check appropriate provincial and local waste disposal regulations for proper classifications.

Waste Disposal Method

Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State, Provincial, and local requirements. Do not incinerate in closed containers.

Section 14: TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

Matters needing attention for transportation

Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid fating, dropping, or collapse. Ship In appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

Section 15: REGULATORY INFORMATION

TSCA Status

In compliance with TSCA Inventory requirements for commercial purposes.

DSL Status

All components of the mixture are listed on the DSL.

Photochemical Reactivity

Non-photochemically reactive

Regulatory Information

CAS #	Ingredient	EPCRA					CERCLA	CAA
		302	TPQ	RQ	311 / 312	313	RQ (lbs)	HAP
13463-67-7	Titanium dioxide	N	NR	NR	A	N	NR	N
57-55-6	Propylene glycol	N	NR	NR	A,C,F,N,P,R	N	NR	N
25322-69-4	Polypropylenglykol	N	NR	NR	NA	N	NR	N

Key:

EPCRA	Emergency Planning and Community Right-to-know Act (aka Title III, SARA)
302	Extremely hazardous substances
31 1/312 Categories	F = Fire Hazard R = Reactivity Hazard P = Pressure Related Hazard
	A = Acute Hazard C = Chronic Hazard
313 Information	Section 313 Supplier Notification - The chemicals listed above with a 'Y' in the 313 column are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372.
CERCLA	Comprehensive Emergency Response Compensation and Liability Act of 1980.
HAP	Listed as a Clean Air Act Hazardous Air Pollutant.
TPQ	Threshold Planning Quantity.
RQ	Reportable Quantity
NA	Not available
NR	Not regulated

Section 16: OTHER INFORMATION

The following ratings are based on the criteria of HMIS@ II.

HMIS rating H: 1 F: 1 R:0

Glossary of Terms:

ACGIH	American Conference of Governmental Industrial Hygienists.
IARC	International Agency for Research on Cancer.
NTP	National Toxicology Program.
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration.
STEL	Short term exposure limit
TWA	Time-weighted average.
PNOR	Particles not otherwise regulated.
PNOC	Particles not otherwise classified.

NOTE: The list (above) of glossary terms may be modified.

Disclaimer

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Alexandria Moulding assumes no obligation or liability for use of this information. UNLESS ALEXANDRIA MOULDING AGREES OTHERWISE IN WRITING, ALEXANDRIA MOULDING MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. ALEXANDRIA MOULDING WILL NOT BE LIABLE FOR ANY SPECIAL MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. ALEXANDRIA MOULDING WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.