CraftGrade™
A TopShield® Product

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**T-DGW0226**
Product Name:	COLONIAL WHITE STRIATED PVC P1257
Product Use:	Paint product.
Print date:	08/Nov/2012
Revision Date:	08/Nov/2012

Company Identification
The Valspar Corporation
PO Box 1461
Minneapolis, MN 55440

Manufacturer's Phone:	1-612-851-7000
24-Hour Medical Emergency Phone:	1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:

- Moderate eye irritation
- Risk of serious damage to eyes.

Skin Contact:

- Causes skin irritation.
- Dermatitis
- May cause defatting of the skin.
- May cause sensitization by skin contact.
- Can be absorbed through skin.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.

Target Organ and Other Health Effects:
- Kidney injury may occur.
- Liver injury may occur.
- Causes headache, drowsiness or other effects to the central nervous system.
- Blood disorders

This product contains ingredients that may contribute to the following potential chronic health effects:
- Chronic exposure may cause permanent damage of health.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).
- Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
- Possible sensitization.

Teratogens:
- Contains material that may cause adverse reproductive effects.
- May cause birth defects.

Carcinogens:
- Possible cancer hazard. Contains material which may cause cancer based on animal data.
- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
TITANIUM DIOXIDE 13463-67-7	15 - 20	Titanium dioxide
ORGANIC PLASTICIZER 68515-49-1	5 - 10	1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich
PLASTICIZER 6846-50-0	5 - 10	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate
AROMATIC NAPHTHA, HEAVY 64742-94-5	1 - 5	Solvent naphtha, petroleum, heavy arom.
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
SILICA 14464-46-1	1 - 5	Silica, cristobalite
PROPRIETARY RESIN	1 - 5	PROPRIETARY RESIN
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5	Diantimony trioxide
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
NAPHTHALENE 91-20-3	.1 - 1	Naphthalene

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

SILICA 14808-60-7	.1 - 1	QUARTZ (Si02)
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1	C.I. Pigment Yellow 53

If this section is blank there are no hazardous components per OSHA guidelines.

4. FIRST AID MEASURES

Eye Contact:
Remove any contact lenses and open eyes wide apart. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Skin Contact:
Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:
Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.

Inhalation:
Move injured person into fresh air and keep person calm under observation. Get medical attention immediately.

Medical conditions aggravated by exposure:
Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	200
Flash point (Celsius):	93
Lower explosive limit (%):	1
Upper explosive limit (%):	6
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:
None known.

Extinguishing media:
Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Ventilate the area. Avoid breathing dust or vapor. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep away from heat, sparks and open flame. - No smoking. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:
Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

Skin protection:
Appropriate chemical resistant gloves should be worn.

Other Personel Protection Data:
To prevent skin contact wear protective clothing covering all exposed areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection:
If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation
Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TITANIUM DIOXIDE 13463-67-7	15 - 20	15 mg/m^3 TWA dust total		
SILICA 14464-46-1	1 - 5	Respirable. Listed. Total dust. Listed.		
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5	0.5 mg/m^3 TWA Sb		
NAPHTHALENE 91-20-3	.1 - 1	10 ppm TWA 50 mg/m^3 TWA		
SILICA 14808-60-7	.1 - 1	(30)/(%SiO2 + 2) mg/m^3 TWA, total dust (250)/(%SiO2 + 5) mppcf TWA, respirable fraction (10)/(%SiO2 + 2) mg/m^3 TWA, respirable fraction		
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1	0.5 mg/m^3 TWA Sb		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TITANIUM DIOXIDE 13463-67-7	15 - 20	10 mg/m^3 TWA			
SILICA 14464-46-1	1 - 5	0.025 mg/m^3 TWA respirable fraction			
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5	0.5 mg/m^3 TWA Sb			
NAPHTHALENE 91-20-3	.1 - 1	10 ppm TWA	15 ppm STEL		CAN BE ABSORBED THROUGH THE SKIN
SILICA 14808-60-7	.1 - 1	0.025 mg/m^3 TWA respirable fraction			
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1	0.5 mg/m^3 TWA Sb			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	4 mmHg @ 250ºF (121.11ºC)
Vapor density (air = 1.0):	9.9
Boiling point:	362ºF (183ºC)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	11.9
Specific Gravity:	1.43
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	200
Flash point (Celsius):	93
Lower explosive limit (%):	1
Upper explosive limit (%):	6
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
TITANIUM DIOXIDE 13463-67-7	15 - 20	> 10000 mg/kg Oral LD50 Rat

11. TOXICOLOGICAL INFORMATION

ORGANIC PLASTICIZER 68515-49-1	5 - 10	= 16000 mg/kg Dermal LD50 Rabbit > 60000 mg/kg Oral LD50 Rat
PLASTICIZER 6846-50-0	5 - 10	> 3200 mg/kg Oral LD50 Rat
AROMATIC NAPHTHA, HEAVY 64742-94-5	1 - 5	> 2000 mg/kg Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat > 590 mg/m^3 Inhalation LC50 Rat 4 h
PROPRIETARY ADDITIVE	1 - 5	= 5600 mg/kg Oral LD50 Rat = 8410 mg/kg Dermal LD50 Rabbit
PROPRIETARY RESIN	1 - 5	= 11400 mg/kg Oral LD50 Rat
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5	> 34600 mg/kg Oral LD50 Rat
PROPRIETARY ADDITIVE	1 - 5	= 2370 µL/kg Oral LD50 Rat = 2417 mg/kg Oral LD50 Rat > 10200 mg/kg Dermal LD50 Rabbit
NAPHTHALENE 91-20-3	.1 - 1	= 490 mg/kg Oral LD50 Rat > 20 g/kg Dermal LD50 Rabbit > 2500 mg/kg Dermal LD50 Rat > 340 mg/m^3 Inhalation LC50 Rat 1 h
SILICA 14808-60-7	.1 - 1	= 500 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

Contains material that may cause adverse reproductive effects. May cause birth defects.

Possible cancer hazard. Contains material which may cause cancer based on animal data. Cancer hazard. Contains material which can cause cancer.

Contains antimony compounds which has been shown to cause cancer in laboratory animals. Contains TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA. Contains crystaline silica. The IARC has determined that crystaline silica inhaled in the form of quartz or cristobablite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystaline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist. Nickel and certain nickel compounds: There is sufficient evidence of the carcinogenicity of nickel and nickel compounds (NTP-1985) also, (IARC 1976, vol. 11) states there is sufficient evidence for the carcinogenicity of certain nickel compounds. Nickel subsulfide is carcinogenic in rats by inhalation, producing lung cancer. Nickel compounds (nickel powder, subsulfide, oxide, carbonate, and nickelocene) produced local sarcomas in mice, rats and hamsters when given intramuscularly. Inhalation of nickel carbonyl produced a low incidence of lung tumors in rats.

Ingredient Name CAS-No.	**Approx. Weight %**	**California Prop 65 - Developmental Toxicity**	**California Prop 65 - Reproductive (Male)**
ORGANIC PLASTICIZER 68515-49-1	5 - 10	Listed. initial date 4/20/07 - developmental toxicity	

Ingredient Name CAS-No.	**Approx. Weight %**	**California Prop 65 - Reproductive (Female)**	**California Prop 65 - Carcinogen**
SILICA 14464-46-1	1 - 5		Listed: October 1, 1988 Carcinogenic.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5		Listed. initial date 10/1/90 - carcinogen
NAPHTHALENE 91-20-3	.1 - 1		Listed. initial date 4/19/02 - carcinogen
SILICA 14808-60-7	.1 - 1		Listed. initial date 10/1/88 - carcinogen
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1		Listed. initial date 5/7/04 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	15 - 20			Monograph 47 [1989]
SILICA 14464-46-1	1 - 5	Monograph 68 [1997]		
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5			Monograph 47 [1989]
NAPHTHALENE 91-20-3	.1 - 1			Monograph 82 [2002]
SILICA 14808-60-7	.1 - 1	Monograph 68 [1997]		
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1	Monograph 49 [1990]		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TITANIUM DIOXIDE 13463-67-7	15 - 20			male rat-negative; female rat-negative; male mice-negative; female mice-negative
PROPRIETARY ADDITIVE	1 - 5			male rat-negative; female rat-negative; male mice-positive; female mice-positive
SILICA 14464-46-1	1 - 5	Known carcinogen.		
NAPHTHALENE 91-20-3	.1 - 1		Reasonably Anticipated To Be A Human Carcinogen	male rat-clear evidence; female rat-clear evidence; male mice-no evidence; female mice-some evidence
SILICA 14808-60-7	.1 - 1	Known Human Carcinogen		
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1	Known Human Carcinogen		

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
TITANIUM DIOXIDE 13463-67-7	15 - 20	Present		
SILICA 14464-46-1	1 - 5	Present		A2 Suspected Human Carcinogen

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5	Present		A2 Suspected Human Carcinogen
NAPHTHALENE 91-20-3	.1 - 1	Present		
SILICA 14808-60-7	.1 - 1	Present		A2 Suspected Human Carcinogen
C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1	Present		Group A1 Confirmed human carcinogen.

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation
UN ID Number (msds): NRPAIN
Proper Shipping Name: PAINT, NOT REGULATED

U.S Hazmat and/or International DG shipment exceptions
The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):
UN ID Number (msds): NRPAIN
Proper Shipping Name: PAINT, NOT REGULATED

International Maritime Organization (IMO):
IMO UN/ID Number (msds): NRPAIN
Proper Shipping Name: PAINT, NOT REGULATED
Marine Pollutant YES
Marine Pollutant Ingredient 1 ORGANIC PLASTICIZER
Marine Pollutant Ingredient 2 DIPHENYL ISODECYL PHOSPHITE

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ANTIMONY TRIOXIDE, ANTIMONY OXIDE 1309-64-4	1 - 5		YES	1000
NAPHTHALENE 91-20-3	.1 - 1		form R reporting required for 1.0% de minimis concentration	100

15. REGULATORY INFORMATION

C.I. PIGMENT YELLOW 53 8007-18-9	.1 - 1		YES	

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes
Flammability:	no
Reactivity:	no
Sudden Pressure:	no

U.S. STATE REGULATIONS:

Right to Know:
The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

PROPRIETARY ADDITIVE	Trade Secret
SILICA	14464-46-1
ANTIMONY TRIOXIDE, ANTIMONY OXIDE	1309-64-4
PROPRIETARY RESIN	Trade Secret
TITANIUM DIOXIDE	13463-67-7
ORGANIC PLASTICIZER	68515-49-1
AROMATIC NAPHTHA, HEAVY	64742-94-5
PLASTICIZER	6846-50-0
PROPRIETARY ADDITIVE	Trade Secret

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret

California Proposition 65:
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Rule 66 status of product Photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:
All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:
All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2*
Flammability:	1
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:
OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

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. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR 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. VALSPAR 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. This MSDS contains additional information required by the state of Pennsylvania.

Preparation Information:

Prepared By:	Regulatory Affairs Department
Print date:	08/Nov/2012
Revision Date:	08/Nov/2012