



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: 009.0048260.007
Product Name: A TRD CONC STN BASE4
Product Use: Paint product.
Print date: 12/Mar/2010
Revision Date: 10/Mar/2010

Company Identification

The Valspar Corporation - Architectural Coatings Division
1191 Wheeling Road
Wheeling, IL 60090

Manufacturer's Phone: 1-847-520-8580

24-Hour Medical Emergency Phone: 1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Eye Contact:

- Severe eye irritation

Skin Contact:

- Causes skin irritation.
- May cause defatting of the skin.
- Harmful if absorbed through skin.

Ingestion:

- Harmful if swallowed.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.

Target Organ and Other Health Effects:

- Spleen damage may occur.
- Kidney injury may occur.
- Liver injury may occur.
- Causes headache, drowsiness or other effects to the central nervous system.
- Contains glycol ether which has been shown to cause blood effects damage in laboratory animals.

This product contains ingredients that may contribute to the following potential chronic health effects:

- 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.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).
- Chronic exposure may cause permanent damage of health.

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
SILICA 14808-60-7	20 - 25	QUARTZ (SiO ₂)
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	2-Butoxyethanol
PROPYLENE GLYCOL MONO PROPYL ETHER 1569-01-3	1 - 5	2-Propanol, 1-propoxy-
SECONDARY BUTYL ALCOHOL 78-92-2	1 - 5	2-Butanol
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Titanium dioxide

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

4. FIRST AID MEASURES**Eye Contact:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. 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. Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of medical personnel. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

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):	104
Flash point (Celsius):	40
Lower explosive limit (%):	1
Upper explosive limit (%):	17
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Can be sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:

Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers or in approved self-closing containers designed to prevent spontaneous combustion until disposed of in compliance with applicable regulations. Oxidizing Material

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. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. 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. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Chemical goggles, also wear a face shield if splashing hazard exists.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personal Protection Data:

To prevent skin contact wear protective clothing covering all exposed areas.

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
SILICA 14808-60-7	20 - 25	Respirable. Listed. Total dust. Listed.		
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	240 mg/m ³ TWA 50 ppm TWA		prevent or reduce skin absorption
SECONDARY BUTYL ALCOHOL 78-92-2	1 - 5	150 ppm TWA 450 mg/m ³ TWA		
TITANIUM DIOXIDE 13463-67-7	.1 - 1	15 mg/m ³ TWA dust total		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
SILICA 14808-60-7	20 - 25	0.025 mg/m ³ TWA respirable fraction			
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	20 ppm TWA			
SECONDARY BUTYL ALCOHOL 78-92-2	1 - 5	100 ppm TWA			
TITANIUM DIOXIDE 13463-67-7	.1 - 1	10 mg/m ³ TWA			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	24 mmHg @ 77°F (25°C)
Vapor density (air = 1.0):	4.1
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	9.64
Specific Gravity:	1.16
Evaporation rate (butyl acetate = 1.0):	1.3

9. PHYSICAL PROPERTIES

Flash point (Fahrenheit):	104
Flash point (Celsius):	40
Lower explosive limit (%):	1
Upper explosive limit (%):	17
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

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

Sensitivity to static discharge: Can be sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
SILICA 14808-60-7	20 - 25	= 500 mg/kg Oral LD50 Rat
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	= 2.21 mg/L Inhalation LC50 Rat 4 h = 220 mg/kg Dermal LD50 Rabbit = 2270 mg/kg Dermal LD50 Rat = 450 ppm Inhalation LC50 Rat 4 h = 470 mg/kg Oral LD50 Rat
PROPYLENE GLYCOL MONO PROPYL ETHER 1569-01-3	1 - 5	= 2504 mg/kg Oral LD50 Rat = 3550 mg/kg Dermal LD50 Rabbit
SECONDARY BUTYL ALCOHOL 78-92-2	1 - 5	= 2193 mg/kg Oral LD50 Rat = 48500 mg/m ³ Inhalation LC50 Rat 4 h > 2 g/kg Dermal LD50 Rat
TITANIUM DIOXIDE 13463-67-7	.1 - 1	> 10000 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

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

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 crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite 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 crystalline 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.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
SILICA 14808-60-7	20 - 25		Listed. initial date 10/1/88 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
SILICA 14808-60-7	20 - 25	Monograph 68 [1997]		
TITANIUM DIOXIDE 13463-67-7	.1 - 1			Monograph 47 [1989]

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
SILICA 14808-60-7	20 - 25	Known Human Carcinogen		
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5			male rat-no evidence; female rat-equivocal evidence; male mice- some evidence; female mice-some evidence
TITANIUM DIOXIDE 13463-67-7	.1 - 1			male rat-negative; female rat-negative; male mice-negative; female mice-negative

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
SILICA 14808-60-7	20 - 25	Present		A2 Suspected Human Carcinogen
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Present		

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): UN1263
 Proper Shipping Name: PAINT
 Hazard Class: COMBUSTIBLE LIQUID
 Packing Group: III

U.S. Highway & Rail Shipments

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): UN1263
 Proper Shipping Name: Paint
 Hazard Class: 3
 Packing Group: III

International Maritime Organization (IMO):

IMO UN/ID Number (msds): UN1263
 Proper Shipping Name: PAINT
 Hazard Class: 3
 Packing Group: III

15. REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS:**

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5		YES	
SECONDARY BUTYL ALCOHOL 78-92-2	1 - 5		form R reporting required for 1.0% de minimis concentration	

SARA 311/312 Hazard Class:

Acute: yes
 Chronic: yes
 Flammability: yes
 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:

ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
SILICA	14808-60-7
PROPYLENE GLYCOL MONO PROPYL ETHER	1569-01-3
SECONDARY BUTYL ALCOHOL	78-92-2

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
WATER	7732-18-5

California Proposition 65:

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

Rule 66 status of product

Not 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: 2
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.

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