



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: 5777C90045
Product Name: GC TX2 BLND MARINE UV CLEAR
Product Use: Paint product.
Print date: 04/Jun/2009
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Company Identification

The Valspar Corporation
2350 114TH ST.
GRAND PRAIRIE, TX 75050

Manufacturer's Phone: 1-800-472-6243

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
- Can be absorbed through skin.
- May cause sensitization by skin contact.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.
- May cause pulmonary edema.

Target Organ and Other Health Effects:

- Causes headache, drowsiness or other effects to the central nervous system.
- Liver injury may occur.
- Kidney injury may occur.
- Hearing loss.

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.
- Possible sensitization.

Teratogens:

- Contains material that may cause adverse reproductive effects.

Carcinogens:

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

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
STYRENE MONOMER (VOC) 100-42-5	40 - 45	Styrene
METHYL METHACRYLATE 80-62-6	1 - 5	2-Propenoic acid, 2-methyl-, methyl ester
PROPRIETARY RESIN	1 - 5	PROPRIETARY RESIN
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT

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. Never give anything by mouth to an unconscious person. 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. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	88°F (31°C)
Lower explosive limit:	1 %
Upper explosive limit:	6 %
Autoignition temperature:	not determined -°F (°C)
Sensitivity to impact:	no
Sensitivity to static discharge:	Subject to static discharge hazards. Please see bonding and grounding information in Section 7.
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. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid all personal contact.

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. 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. To maintain product quality, do not store in heat or direct sunlight. Do not store above 85 degrees F (29.4 degrees C).

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:

Gloves: Neoprene or other nonporous.

Other Personal 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
STYRENE MONOMER (VOC) 100-42-5	40 - 45	100 ppm	200 ppm	
METHYL METHACRYLATE 80-62-6	1 - 5	410 mg/m ³ 100 ppm		
PROPRIETARY INERT	1 - 5	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
STYRENE MONOMER (VOC) 100-42-5	40 - 45	20 ppm	40 ppm		
METHYL METHACRYLATE 80-62-6	1 - 5	50 ppm	100 ppm		
PROPRIETARY INERT	1 - 5	10 mg/m ³			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	35.3383459 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	3.6
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	8.71
Specific Gravity:	1.04
Evaporation rate (butyl acetate = 1.0):	3.1
Flash point (Fahrenheit):	88°F (31°C)
Lower explosive limit:	1 %
Upper explosive limit:	6 %

9. PHYSICAL PROPERTIES

Autoignition temperature:

not determined -°F (°C)

10. STABILITY AND REACTIVITY

Stability:

Stable if protected from heat and exposure to air.

Conditions to Avoid:

Heat. Peroxides

Incompatibility:

Strong oxidizing agents Acids or alkalis. Acids

Hazardous Polymerization:

Product may polymerize when exposed to heat.

Hazardous Decomposition Products:

Carbon monoxide and carbon dioxide.

Sensitivity to static discharge:

Subject 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
STYRENE MONOMER (VOC) 100-42-5	40 - 45	Inhalation LC50 Rat : 12 gm/m ³ /4H Inhalation LC50 Mouse : 9500 mg/m ³ /4H Oral LD50 Rat : 2650 mg/kg Oral LD50 Mouse : 316 mg/kg
METHYL METHACRYLATE 80-62-6	1 - 5	Inhalation LC50 Rat : 78000 mg/m ³ /4H Inhalation LC50 Mouse : 18500 mg/m ³ /2H Oral LD50 Rat : 7872 mg/kg Oral LD50 Mouse : 3625 mg/kg Dermal LD50 Rabbit : >5 gm/kg
PROPRIETARY INERT	1 - 5	Oral LD50 Rat : 3160 mg/kg

Mutagens/Teratogens/Carcinogens:

Contains material that may cause adverse reproductive effects.

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

Contains styrene which is listed by IARC as a possible human carcinogen based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to styrene provide an adequate basis to conclude styrene is carcinogenic.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
STYRENE MONOMER (VOC) 100-42-5	40 - 45			Monograph 60, 1994; (Overall evaluation upgraded from 3 to 2B with supporting evidence from other data relevant to the evaluation of carcinogenicity and its mechanisms)

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

Proper Shipping Name: PAINT
 Hazard Class: 3
 UN ID Number: UN1263
 Packing Group: III
 Hazardous Ingredient (Land) 1 METHYL METHACRYLATE
 Hazardous Ingredient (Land) 2 STYRENE MONOMER (VOC)

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):

Proper Shipping Name: Paint
 Hazard Class: 3
 UN ID Number: UN1263
 Packing Group: III
 IATA N.O.S. Technical Name 1 METHYL METHACRYLATE
 IATA N.O.S. Technical Name 2 STYRENE MONOMER (VOC)

International Maritime Organization (IMO):

Proper Shipping Name: PAINT
 Hazard Class: 3
 IMO UN/ID Number: UN1263
 Packing Group: III
 IMDG N.O.S. Technical Name 1 METHYL METHACRYLATE
 IMDG N.O.S. Technical Name 2 STYRENE MONOMER (VOC)

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
STYRENE MONOMER (VOC) 100-42-5	40 - 45		form R reporting required for 0.1% de minimis concentration	1000
METHYL METHACRYLATE 80-62-6	1 - 5		form R reporting required for 1.0% de minimis concentration	1000

SARA 311/312 Hazard Class:

Acute: yes
 Chronic: yes
 Flammability: yes
 Reactivity: yes
 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:

STYRENE MONOMER (VOC)	100-42-5
PROPRIETARY RESIN	Trade Secret
METHYL METHACRYLATE	80-62-6
PROPRIETARY INERT	Trade Secret

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
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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:	3
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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