



# Material Safety Data Sheet

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## Section 1. Chemical product and company identification

**Prepared For**

**Prepared by**

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**IN CASE OF EMERGENCY (HEALTH OR SPILLS):**

**CHEMTREC (US and Canada) (800) 424-9300**

**Product no. : 09003**

**Product - Class : Cetol UV Interior**

**Customer Part Number :**

**Customer ShipTo ID:**

## Section 2. Hazards identification

**Emergency overview** : Warning!

**Effects of Overexposure** : CAUSES EYE AND SKIN IRRITATION.  
MAY BE HARMFUL IF SWALLOWED.  
CONTAINS MATERIAL WHICH MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: LUNGS,  
LIVER, SKIN, CENTRAL NERVOUS SYSTEM.

Do not ingest. Avoid contact with skin and clothing. Wash thoroughly after handling.

**Routes of entry** : Dermal contact. Eye contact. Inhalation. Ingestion.

**Potential acute health effects**

**Eyes** : Irritating to eyes.

Other effects of eye contact may include : burning, redness, swelling, tearing,

**Skin** : Irritating to skin.

Other effects of skin contact may include: defatting, discoloration,  
Effects due to absorption through skin may include: CNS effects,

**Inhalation** : Slightly irritating to the respiratory system.

Other effects of inhalation may include: anesthesia, CNS effects,

**Ingestion** : Harmful if swallowed.

**Potential chronic health effects** : CARCINOGENIC EFFECTS: None by OSHA standard.

MUTAGENIC EFFECTS: None by OSHA standard.

TERATOGENIC EFFECTS: None by OSHA standard.

Contains material which may cause damage to the following organs: lungs, liver, skin, central nervous system (CNS).

**Medical conditions aggravated by over-exposure** : skin disorders,

NOTICE: Reports have associated repeated and prolonged OVEREXPOSURE to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

[See toxicological information \(section 11\)](#)

### Section 3. Composition, information on ingredients

Name	CAS #	% by weight	Vapor pressure	Exposure Limits (ACGIH-TLV/OSHA-PEL)
methoxy-methyl ethoxy propanol	34590-94-8	1 - 5	Not available.	<b>ACGIH TLV (United States). Skin</b> TWA: 100 ppm 8 hour(s). STEL: 150 ppm 15 minute(s). <b>OSHA PEL (United States). Skin</b> TWA: 100 ppm 8 hour(s).
synthetic amorphous silica	7631-86-9	1 - 5	Not available.	<b>ACGIH TLV (United States).</b> TWA: 10 mg/m <sup>3</sup> 8 hour(s). <b>OSHA PEL (United States).</b> TWA: 80 mg/m <sup>3</sup> 8 hour(s).
butoxypropanols	5131-66-8	1 - 5	Not available.	Not available.

### Section 4. First aid measures

<b>Eye contact</b>	: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if symptoms occur.
<b>Skin contact</b>	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Thoroughly clean shoes before reuse.
<b>Inhalation</b>	: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if irregular breathing, or respiratory arrest occurs provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Ingestion</b>	: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

### Section 5. Fire fighting measures

<b>Flammability of the product</b>	: May be combustible at high temperature.
<b>Auto-ignition temperature</b>	: The lowest known value is 189°C (372.2°F) (dipropylene glycol butyl ether).
<b>Flash points</b>	: Closed cup: >102°C (215°F). (Setaflash.)
<b>Flammable limits</b>	: The greatest known range is Lower: 0.6% Upper: 20.4% (dipropylene glycol butyl ether)
<b>Products of combustion</b>	: These products are carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...), sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> ...), halogenated compounds.
<b>Fire Hazards in Presence of Various Substances/Conditions</b>	: Slightly flammable to flammable in presence of open flames, sparks and static discharge, of oxidizing materials.  Because of the large amount of water contained in the product, the product might be combustible only after partial or complete evaporation.
<b>Explosion Hazards in Presence of Various Substances/Conditions</b>	: Not available.
<b>Fire-fighting media and instructions</b>	: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Protective clothing (fire)</b>	: Be sure to use an approved/certified respirator or equivalent.

## Section 6. Accidental release measures

**Spill and Leak** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).  
If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Dispose of as in Section 13.

## Section 7. Handling and storage

**Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

OTHER PRECAUTIONS: All precautions must be observed. Empty container may retain product residues.

## Section 8. Exposure controls, personal protection

Selection of personal protective equipment (PPE) is to be established by the employer performing a PPE hazard assessment. In the U.S.A, OSHA requires completion of a documented PPE hazard assessment as described in 29 CFR 1910.132.

**Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the work-station location.

### Personal protection

**Eyes** : Safety glasses.

**Body** : Synthetic apron.

**Respiratory** : Wear appropriate respirator when ventilation is inadequate.  
Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

**Hands** : Impervious gloves.

**Protective clothing (pictograms)** :



**HYGIENIC PRACTICES:** Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

## Section 9. Physical and chemical properties

**Physical state and Appearance** : Liquid.

**Color** : Light.

**Odor** : Slight.

**pH** : 8 to 9 [Basic.]

**Boiling/condensation point** : The lowest known value is 100°C (212°F) (water).

**Melting/freezing point** : May start to solidify at -59.95°C (-75.9°F) based on data for: 1,2-propanediol.

**Specific gravity** : Weighted average: 1.01 (Water = 1)

**Vapor pressure** : The highest known value is 2.3 kPa (17.5 mm Hg) (at 20°C) (water).

**Vapor density** : Lighter than air

**Volatility** : 75.6% (v/v), 72.86% (w/w)

**Odor threshold** : Not available.

**Evaporation rate** : The highest known value is Lower than 1. (water) compared to butyl acetate  
**VOC** : 299 (g/l).  
**Solubility** : Not available.

## Section 10. Stability and reactivity

**Stability and reactivity** : Stable.  
**Conditions of instability** : heat, open flame, sparks, allow air blanket above liquid, dusty conditions,  
**Incompatibility with various substances** : Slightly reactive to reactive with oxidizing agents, acids.  
**Hazardous Reaction Products** : Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
**Hazardous polymerization** : Will not undergo hazardous polymerization.

## Section 11. Toxicological information

### Toxicity data

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
methoxy-methyl ethoxy propanol	LD50	5130 mg/kg	Oral	Rat
	LD50	5660 mg/kg	Oral	Rat
	LD50	9500 mg/kg	Dermal	Rabbit
	LD50	9500 mg/kg	Dermal	Rat
synthetic amorphous silica	LD50	>5110 mg/kg	Oral	Rat
	LD50	>5000 mg/kg	Dermal	Rabbit
	LC50	>0.139 mg/l (14 hour(s))	Inhalation	Rat
butoxypropanols	LD50	4980 mg/kg	Oral	Rat
	LD50	3100 mg/kg	Dermal	Rabbit

## Section 12. Ecological information

**Products of degradation** : These products are carbon oxides (CO, CO<sub>2</sub>) and water, nitrogen oxides (NO, NO<sub>2</sub>...), sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub>...), halogenated compounds.  
**Toxicity of the products of biodegradation** : The products of degradation are less toxic than the product itself.

## Section 13. Disposal considerations

**Waste information** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Consult your local or regional authorities.**

## Section 14. Transport information

**Note:** Information contained in this section may vary from the actual shipping description depending on quantity in containers, mode of shipment and use of exemptions.

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
<b>DOT Classification</b>	Not regulated.	-	-	-		-
<b>TDG Classification</b>	Not regulated.	-	-	-		-
<b>IMDG Class</b>	Not regulated.	-	-	-		-

<b>IATA-DGR Class</b>	Not regulated.	-	-	-	-	-
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### Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**U.S. Federal regulations** : All components in this product have been verified as being on the TSCA Inventory.  
 (HAPS) Clean air act (CAA) 112 regulated toxic substances: triethylamine (tea); styrene

**SARA 313**

**Form R - Reporting requirements** : No products were found.

**International regulations**

**International lists** : All components of this product are on the CEPA DSL inventory.

\*\* All values in this section reported as percentage by weight, unless otherwise specified.

### Section 16. Other information

**HMIS III ®  
 Hazardous Material Information System (U.S.A.)**

Health	*	2
Flammability		1
Physical Hazard		0
Personal protection		

**WHMIS (Canada)**



Class D-1B: Material causing immediate and serious toxic effects (TOXIC).  
 Class D-2A: Material causing other toxic effects (VERY TOXIC).  
 Class D-2B: Material causing other toxic effects (TOXIC).

**Notice to reader**

The absence of a positive finding indicates that we believe, to the best of our knowledge, that the negative is true.

**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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