



Material Safety Data Sheet

Date of printing : 6/4/2007.

Date of issue : 6/4/2007.

Section 1. Chemical product and company identification

Prepared For

Prepared by

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1-866-SIKKENS

IN CASE OF EMERGENCY (HEALTH OR SPILLS):

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

Product no. : 39003

Product - Class : Cetol BL Interior Clear Gloss

Customer Part Numbe :

Customer ShipTo ID:

Section 2. Hazards identification

Emergency overview : Warning!

Effects of Overexposure : CAUSES SKIN IRRITATION.
MAY BE HARMFUL IF SWALLOWED.
CONTAINS MATERIAL WHICH MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: SKIN,
CENTRAL NERVOUS SYSTEM.
COMBUSTIBLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FIRE.

Do not ingest. Avoid contact with skin and clothing. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

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

Potential acute health effects

Eyes : Slightly irritating to the eyes.

Skin : Irritating to skin.
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: Classified None. by NIOSH [Ammonia anhydrous].
MUTAGENIC EFFECTS: None by OSHA standard.
TERATOGENIC EFFECTS: None by OSHA standard.

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

Medical conditions aggravated by over-exposure : Not available.

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.	ACGIH TLV (United States). Skin TWA: 100 ppm 8 hour(s). STEL: 150 ppm 15 minute(s). OSHA PEL (United States). Skin TWA: 100 ppm 8 hour(s).

Section 4. First aid measures

Eye contact	: 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.
Skin contact	: 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.
Inhalation	: 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.
Ingestion	: 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

Flammability of the product	: Combustible.
Auto-ignition temperature	: The lowest known value is 189°C (372.2°F) (dipropylene glycol butyl ether).
Flash points	: Closed cup: 71°C (160°F). (Setaflash.)
Flammable limits	: The greatest known range is Lower: 0.6% Upper: 20.4% (dipropylene glycol butyl ether)
Products of combustion	: These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances/Conditions	: Slightly flammable to flammable in presence of open flames, sparks and static discharge, of oxidizing materials.
Explosion Hazards in Presence of Various Substances/Conditions	: Not available.
Fire-fighting media and instructions	: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Protective clothing (fire)	: Be sure to use an approved/certified respirator or equivalent.

Section 6. Accidental release measures

Spill and Leak	: Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material. If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate 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.
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Dispose of as in Section 13.

Section 7. Handling and storage

- Handling** : Do not ingest. Avoid contact with skin and clothing. Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.
- Storage** : Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

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** : Not available.
- Odor** : Not available.
- pH** : Not available.
- Boiling/condensation point** : 167°C (332.6°F)
- 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: 0.99 (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** : 76.14% (v/v), 74.27% (w/w)
- Odor threshold** : Not available.
- Evaporation rate** : The highest known value is Lower than 1. (water) compared to butyl acetate
- VOC** : 296 (g/l).
- Solubility** : Soluble in cold water, hot water, methanol, diethyl ether.

Section 10. Stability and reactivity

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

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

Special remarks on other toxic effects on humans : Exposure can cause nausea, headache and vomiting. (Ammonia anhydrous)

Section 12. Ecological information

- Products of degradation** : These products are carbon oxides (CO, CO₂) and water.
- 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
DOT Classification	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	Combustible liquid.	III		-
TDG Classification	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

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); Ammonia anhydrous; 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	*	1
Flammability		2
Physical Hazard		0
Personal protection		

WHMIS (Canada)



Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
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.

Disclaimer: While Akzo Nobel Coatings believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Nobel Coatings assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, Provincial and local laws and regulations.