

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **855-100 W/B BASECOAT**

Supplier - Manufacturer **Chemcraft International Inc.,**
155 Rose Glen Road North
P.O. Box 458
Port Hope, ON.
Canada L1A 3Z3
Telephone (905) 885-6388 Fax (905) 885-5097
In case of Emergency (905) 885-6388, (800) 263-7951

For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code 855-100
Synonym W/B BASECOAT
Chemical Name Not applicable.
Chemical Family Synthetic polymer in water and organic solvent.
(Paint.)
Chemical Formula Not applicable.
Material Uses Coatings: Surface coatings and finishes.
Product Identification Number (PIN) Not regulated.

Section 2. Hazardous Ingredients

Exposure limits

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀	TLV/PEL
Ethylene glycol monobutyl ether	111-76-2	1 - 5	ORAL (LD50): Acute: 470 mg/kg [Rat]. 2436 mg/kg [Rat]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. 631 mg/kg [Rabbit].	OSHA (Canada). TWA: 25 ppm ACGIH (Canada). TWA: 25 ppm
Silica quartz	14808-60-7	0.1 - 1	Not available.	ACGIH (Canada). Notes: Respirable TWA: 0.1 mg/m ³

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

Section 3. Physical Data

Physical State and Appearance Liquid.
Color Not available. **Odor** Not available. **Taste** Not available.
Molecular Weight Not applicable.
pH (1% soln/water) Neutral.
Boiling Point The lowest known value is 100°C (212°F) (Water). Weighted average: 107.68°C (225.8°F)
Melting Point May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -7.6°C (18.3°F)
Critical Temperature Not available.
Specific Gravity Weighted average: 1.22 (Water = 1)
Vapor Pressure The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 2.06 kPa (15.45 mm Hg) (at 20°C)

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Vapor Density	The highest known value is 4.1 (Air = 1) (Ethanol, 2-butoxy-). Weighted average: 1.33 (Air = 1)
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff.	The product is insoluble in water and octanol.
Ionicity (in Water)	Not available.
Dispersion Properties	Is not dispersed in cold water, hot water. See solubility in methanol, acetone.
Solubility	Easily soluble in methanol, acetone. Very slightly soluble in diethyl ether. Insoluble in cold water, hot water, n-octanol.

Section 4. Fire and Explosion Hazard

The Product is:	Non-flammable.
Fire Hazards in Presence of Various Substances	Not applicable.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Non-flammable aqueous emulsion. Material may burn after evaporation of liquids.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Auto-Ignition Temperature	Not applicable.
Products of Combustion	Not applicable.
Explosion Hazards in Presence of Various Substances	Not available.
Special Remarks on Explosion Hazards	Not available.

Section 5. Reactivity Data

Stability	The product is stable.
Decomposition products	Not available.
Conditions of Instability	Not available.
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents, alkalis.
Corrosivity	Not available.
Special Remarks on Reactivity	Incompatible with chloroformates. (1,2-Propanediol)
Special Remarks on Corrosivity	Not available.

Section 6. Toxicological Properties

Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 470 mg/kg [Rat]. (Ethanol, 2-butoxy-). Acute dermal toxicity (LD50): 220 mg/kg [Rabbit]. (Ethanol, 2-butoxy-). Acute toxicity of the gas (LC50): 450 ppm 4 hour(s) [Rat]. (Ethanol, 2-butoxy-).
Effects of Acute Exposure	Hazardous in case of skin contact (permeator), of ingestion, of inhalation. Severe over-exposure can result in death.

Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Classified 4 (Probably not for human.) by IARC, None. by OSHA [Titanium dioxide (TiO₂)]. Classified 1 (Proven for human.) by IARC, + (Proven.) by OSHA, + (Proven.) by NIOSH [Quartz (SiO₂)].</p> <p>MUTAGENIC EFFECTS: Not available.</p> <p>TERATOGENIC EFFECTS: Not available.</p> <p>DEVELOPMENTAL TOXICITY: Not available.</p> <p>The substance is toxic to blood, kidneys, lungs, liver, bone marrow, eye, lens or cornea. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.</p>
Special Remarks on Toxicity to Animals	Very low toxicity for humans or animals. (Poly(oxy(methyl-1,2-ethanediyl)), alpha-hydro-omega-hydroxy-)
Special Remarks on Chronic Effects on Humans	Can cause gastrointestinal disturbances. (1,2-Propanediol)
Special Remarks on Other Toxic Effects on Humans	Exposure can cause nausea, headache and vomiting. (Ethanol, 2-butoxy-)
Exposure Limits	Not available.

Section 7. Preventive Measures

Personal Protection	Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Neoprene gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Neoprene gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
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 proximal to the work-station location.
Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill	Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	Keep locked up. Do not ingest. Do not breathe gas/fumes/ vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.
TDG Classification	-
PIN	Not regulated. PG: -
Special Provisions for Transport	-
Federal and State Regulations	<p>WARNING: This product contains chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm: Quartz (SiO₂)</p> <p>WARNING: This product contains chemical(s) known to the State of California to cause cancer.: Quartz (SiO₂)</p> <p>Rhode Island RTK hazardous substances: Ammonia anhydrous</p> <p>Pennsylvania RTK: Ammonium hydroxide ((NH₄)(OH)); Ethanol, 2-butoxy-; 1,2-Propanediol</p> <p>Florida: Ammonia anhydrous</p> <p>Minnesota: Ammonia anhydrous</p> <p>Massachusetts RTK: Ammonium hydroxide ((NH₄)(OH))</p> <p>New Jersey: Ammonia anhydrous; Ethanol, 2-butoxy-</p> <p>New Jersey spill list: Ammonia anhydrous</p> <p>TSCA 8(b) inventory: Ethylene glycol monobutyl ether</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Ethylene glycol monobutyl ether: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard</p>

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	CERCLA: Hazardous substances.: Ammonia anhydrous;	
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).	
Other Classifications	WHMIS (Canada)	Class D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). Class D-2A: Material causing other toxic effects (VERY TOXIC).
	HCS (U.S.A.)	Toxic Irritating material Target organ effects

Hazardous Material Information System (U.S.A.)	Health Hazard	* 2
	Fire Hazard	0
	Reactivity	0
	Personal Protection	G
National Fire Protection Association (U.S.A.)	Health	2
	Fire Hazard	0
	Reactivity	0
	Specific Hazard	

Section 8. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Hazardous Skin Contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Hazardous Inhalation	Not available.
Ingestion	Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Hazardous Ingestion	Not available.

Section 9. Preparation Information

References	-Manufacturers Material Safety Data Sheets.
Other Special Considerations	Sanding dust may be hazardous. Follow recommended procedures to reduce exposure to sanding dust.
Related Information	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.
Preparation Information	Validated by Florendo Tarnate on 9/16/2005. Verified by Florendo Tarnate. Printed 9/16/2005.
Information Contact	Prepared by the Health, Safety and Environment Department, Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada. Phone: 905 885-6388 Fax: 905 885-5097

Notice to Reader

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.