

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **550-1057 AQUAVAC PRIMER AM**

Supplier - Manufacturer **Chemcraft International Inc.,**
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Code 550-1057
Synonym AQUAVAC PRIMER AM
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: 1746 mg/kg [Rat]. 1519 mg/kg [Mouse]. 1414 mg/kg [Guinea pig]. DERMAL (LD50): Acute: >2000 mg/kg [Guinea pig]. 435 mg/kg [Rabbit]. 490 mg/kg [Rat].	OSHA (United States). TWA: 25 ppm ACGIH (United States). TWA: 25 ppm
Silica quartz	14808-60-7	1 - 5	Not available.	ACGIH (United States). 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: 104.72°C (220.5°F)

Melting Point May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -4.67°C (23.6°F)

Critical Temperature Not available.

Specific Gravity 1.64 (Water = 1)

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Vapor Pressure	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 2.15 kPa (16.13 mm Hg) (at 20°C)
Vapor Density	The highest known value is 4.1 (Air = 1) (Ethanol, 2-butoxy-). Weighted average: 1.21 (Air = 1)
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff.	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	Not dispersible 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.

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	These products are carbon oxides (CO, CO ₂). Some metallic oxides.
Explosion hazards in the presence of various substances	Not applicable
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	Reactive or incompatible with the following materials: oxidizing materials and alkalis. Non-reactive or compatible with the following materials: reducing materials, combustible materials, organic materials, metals, acids and moisture.
Corrosivity	Not available.
Special Remarks on Reactivity	Incompatible with hydrogen fluoride. (Silica)
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): 1414 mg/kg [Guinea pig]. (Ethanol, 2-butoxy-). Acute dermal toxicity (LD50): 435 mg/kg [Rabbit]. (Ethanol, 2-butoxy-).
Effects of Acute Exposure	Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation.
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Classified 4 (Probably not for humans.) by IARC, None. by OSHA [Titanium dioxide (TiO ₂)]. Classified 1 (Proven for humans.) by IARC, + (Proven.) by OSHA, + (Proven.) by NIOSH [Quartz (SiO ₂)]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. 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.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is listed by IARC as carcinogenic to humans (Group 1). Over exposure to crystalline silica can cause lung cancer and silicosis, a form of pulmonary fibrosis. Continued exposure to silica can lead to cardiopulmonary impairment. (Quartz (SiO ₂))
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	Safety glasses. Lab coat. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be adequate. 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.
Small Spill	Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container.
Large Spill	Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container. Finish cleaning by flushing the contaminated surface with water and allowing it to run to the foul sewer.
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. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
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	WARNING: This product contains chemical/chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Quartz (SiO ₂) WARNING: This product contains chemical/chemicals known to the state of California to cause cancer.: Quartz (SiO ₂) Rhode Island RTK hazardous substances: Ammonia anhydrous Pennsylvania RTK: Ethanol, 2-butoxy-; Isopropyl alcohol; Ammonium hydroxide ((NH ₄)(OH)) Florida: Ammonia anhydrous Minnesota: Ammonia anhydrous

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Massachusetts RTK: Isopropyl alcohol; Ammonium hydroxide ((NH₄)(OH))
 New Jersey: Ethanol, 2-butoxy-; Isopropyl alcohol; Ammonia anhydrous
 New Jersey spill list: Ammonia anhydrous
 TSCA 8(b) inventory: Ethylene glycol monobutyl ether; Isopropyl alcohol
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Ethylene glycol monobutyl ether: Immediate (acute) health hazard, Delayed (chronic) health hazard; Quartz (SiO₂): Delayed (chronic) health hazard
 CERCLA: Hazardous substances.: Ammonia anhydrous;
 OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Regulations**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.) Contains material which may cause cancer
 Toxic
 Target organ effects

Hazardous Material Information System (U.S.A.)

Health Hazard	* 2
Fire Hazard	0
Reactivity	0
Personal Protection	B

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. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention.

Hazardous Skin Contact Not available.

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 if the tissues are damaged, a possible indication that 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

Not available.

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 K. William on 2/20/2006.

Verified by K. William.

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Information Contact

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