

MATERIAL SAFETY DATA SHEET NPCA 1-84⁸
FOR COATINGS, RESINS, AND RELATED MATERIALS
REPLACES NPCA 1-82

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SECTION I - PRODUCT INFORMATION

PRODUCT NUMBER ACRO® 7709 PRODUCT NAME Boltex Water Based - Black
PRODUCT CLASS Waterborne Coating

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent By Volume	Exposure Guidelines		VAPOR PRESSURE mmHG @ 20°C
			TLV	PEL	
Ammonia	7664-41-7	0.7	25 ppm	50 ppm	> 760
Dipropylhene Glycol N-Butyl Ether	29911-28-2	10.0	Not established		
Acrylic Resin		Not Limited			

SECTION III - PHYSICAL DATA

BOILING RANGE: 212°F VAPOR DENSITY: Lighter than air
EVAPORATION RATE: Slower than ether VOLATILE BY VOLUME: 75%
WEIGHT PER GALLON: 8.60#

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA NON COMBUSTIBLE LIQUID
DOT NOT REGULATED

FLASH POINT: Over 200°F

LOWER EXPLOSIVE LIMIT: 1.1

EXTINGUISHING MEDIA: CO₂ DRY CHEMICAL WATER FOG FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. This material will not support combustion unless the water have evaporated.

SPECIAL FIREFIGHTING PROCEDURES: Wear full firefighting protective clothing, including self-contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool unruptured containers to prevent pressure buildup.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion products include carbon monoxide, carbon dioxide, oxides of nitrogen.

SECTION V - HEALTH HAZARD DATA**EFFECTS OF OVEREXPOSURE:**

Eye Contact: May cause irritation.
Skin Contact: May cause irritation.
Ingestion: May be harmful if swallowed.
Inhalation: May cause irritation of throat & lungs.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known.

PRIMARY ROUTE(S) OF ENTRY:

DERMAL (SKIN CONTACT) INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

SPLASH - EYES - Flush eyes immediately with large amounts of water for at least 15 minutes holding eyelids open while flushing. **Get prompt medical attention.**

SPLASH - SKIN - Wash affected skin areas with soap and water. Remove contaminated clothing. **Get medical attention of irritation persists.**

INHALATION - Move person to fresh air. Restore breathing if stopped. If breathing is difficult, give oxygen. **Treat symptomatically. Get prompt medical attention.**

INGESTION - If swallowed, drink one or two glasses of water to dilute. *Do Not Induce Vomiting* **Call a physician or poison control center immediately for further instructions.** Never give anything by mouth to an unconscious person.

TOXICITY: Ammonia - Toxic by ingestion. LD 50, Oral-rat: 350 mg/kg. LCLo, Inhalation-rat: 2000 ppm/4H. Although the concentration in this product is low, the high vapor pressure of ammonia makes it possible to exceed the TLV of PEL in drum head space or other confined areas. The liberation of ammonia may be retarded because of chemical neutralization in the product.

SECTION VI - REACTIVITY DATA

STABILITY: Unstable Stable Hazardous Polymerization will will not occur under normal conditions

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, amines, acids, hydroxyl or other reactive hydrogen compounds, strong oxidants, caustics.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Keep personnel a safe distance away from the spill area. Avoid breathing vapors. Contain and remove with inert absorbent material and non-sparking tools. Minimize contact. Before attempting cleanup, refer to hazard caution information in other sections of this MSDS form.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

Handling: Keep closure tight and container upright to prevent leakage. Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing of vapor or spray mists. Do not handle until all safety precautions have been read and understood. **Empty containers should not be re-used.** Avoid using pressurizable equipment which has aluminum or zinc parts. Use with adequate ventilation. Because empty containers may retain product residue and vapors. Do not cut, puncture or weld on or near the empty container. Do not smoke where this product is used or stored.

Storage: Store only in well-ventilated areas. Do not punctured, drag, or slide container. Keep container closed when not in use.

Ventilation: Sufficient ventilation in pattern and volume should be provided to keep the air contaminant concentration below applicable exposure limits. Heavy solvent vapors should be removed from the lower levels of work area, and all ignition sources (non-explosion proof equipment) should be eliminated if flammable/air mixtures will be encountered. All application areas should be ventilated in accordance with OSHA regulation 29 CFR Part 1910.94. use ventilation to remove airborne decomposition products formed during welding or flame-cutting of surfaces coated with this product. **Caution:** *Solvent vapors are heavier than air and collect in lower levels of the work area.*

Skin Protection: Use neoprene or rubber gloves to prevent skin contact.

Eye Protection: Use safety eyewear including safety glasses with side shields and chemical goggles as minimum protection.

Other Protective Equipment: Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse. Use protective cream if skin contact is likely.

Hygienic Practices: Wash hands before eating, smoking or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

SECTION IV - DISPOSAL CONSIDERATIONS

Disposal Method: Disposal should be done in accordance with Federal (40CFR Part 261), state and local environmental control regulations. If waste is determined to be hazardous, use licensed hazardous waste transporter and disposal facility.

SECTION X - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	PAINT	DOT HAZARD CLASS:	N/A
DOT UN/NA NUMBER:	N/A	PACKING GROUP:	N/A

SECTION XI - SPECIAL PRECAUTIONS

Avoid breathing sanding dust. Can cause allergic respiratory reaction. Can cause allergic skin reaction. Prevent prolonged or repeated breathing of vapor or spray mists. Do not weld or flame-cut an empty drum or container. Do not handle until the manufacturer's safety precautions have been read and understood.

The information contained herein is based on data believed to be accurate, but **Vickers-ACRO** does not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Final determination of suitability of any material is the sole responsibility of the user.