

United Tactical Systems, LLC

Safety Data Sheet (SDS)

Date Printed: 08/11/2016
Date Updated: 04/17/2017

Section 1 – Identification of the substance or mixture and of the supplier

Product Name: PEPPERBALL VXR SEMI-PERMANENT MARKING™
Product Class: Barium Sulfate based Liquid.
Product Use: Permanent Ball Marking Liquid.
Manufacturer's Name: United Tactical Systems, LLC
Street Address: 28101 Ballard Drive, Unit F
City, State, Zip code: Lake Forest, IL 60045
Emergency Phone Number: (800) 424 9300
(847) 367-8960
FAX Number: (847) 367-8980

Section 2 – Hazards Identification

No Known Hazardous Ingredients.

Section 3 – Composition / Information on ingredients

62%	Barium Sulfate	
	• Barite	CAS# 13462-86-7
	• Crystalline	CAS# 14808-60-7
29%	Phenoxy Resin PKHW-34	
	• Bisphenol-A-(epichlorohydrin)	CAS# 25068-38-6
	• 1-Propoxy-2-propanol	CAS# 1569-01-3
	• N,N'-Dimethylethanol-amine	CAS# 108-01-0
<10%	AX Yellow	
	• Water	CAS# 7732-18-5
	• Barium Sulfate	CAS# 7727-43-7
	• Titanium dioxide	CAS# 13463-67-7
	• Polyethylene glycol	CAS# 25322-68-3
<1%	Byk-025	
	• 2-methoxymethlethoxypropanol [DPM]	CAS# 7732-18-5
	• Alcohols, tallow, ethoxylated	CAS# 7732-18-5
<1%	Water	CAS# 7732-18-5
<1%	Isopropyl Alcohol	CAS# 67-63-0
<1%	TAMOL 1124	
	• Ammonia, aqueous solution	CAS# 1336-21-6

Section 4 – First Aid Measures

Skin Contact: Wash with soap and water.

Eye Contact: Flush eye with plenty of water for several minutes. If effects occur, see physician.

Inhalation: Provide fresh air and rest. If effects occur, see physician.

Ingestion: Drink 2 glasses of water. Do not induce vomiting. Call physician.

Section 5 – Firefighting Measures

Flash Point: 217 F

Extinguishing Media: Water fog, dry chemical, carbon dioxide, or foam.

Unusual Fire Hazards: Will support combustion. Material may splatter above 212°F and dried material can burn.

Fire Fighting Procedures: Containers may rupture when exposed to extreme heat. Use NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing if involved in fire.

Flammable Limits: LFL: Not Applicable. UFL: Not Applicable.

Section 6 – Accidental Release Measures

Spilled Material Steps: Contain spills with inert materials like sand or earth, or soak up with absorbent. May create slippery conditions. Transfer to suitable container for disposal.

Section 7 – Handling and Storage

DOL Storage Category: 3 B

Other Precautions: Keep container closed when not in use. Do not transfer material to other containers for storage. Store in a cool area. Keep out of the reach of children. Avoid dust formation and static discharges.

Section 8 – Exposure Controls / Personal Protection

Respiratory Protection: None needed if good ventilation is maintained. In confined or poorly ventilated areas where vapor concentrations are encountered, wear NIOSH/MESA approved respirator.

Ventilation: Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid breathing sanded or blasted dust.

Protective Gloves: Recommended. Neoprene type.

Eye Protection: Recommended. Safety goggles with imperforated side shields.

Other Protective Equipment: As required to avoid wetting clothes.

Section 9 – Physical and Chemical Properties

Boiling Range: 212 F

Vapor Density: <1

Weight Per Gallon: 18.3 pounds

Odor: Slight Ammonia odor

Section 10 – Stability and Reactivity

Stability: Stable.
Incompatibility: No known incompatibility.
Hazardous Decomp. Prod: Thermal decomposition may yield oxides of carbon, nitrogen, acrylic monomers, and other toxic fumes.
Polymerization: Will not occur.
Conditions to Avoid: Avoid temperatures above 350F.

Section 11 – Toxicological Information

Overexposure Acute: Can cause irritation of eyes and skin. Swallowing can cause Gastronomical irritation. Breathing concentrated vapors can cause headache or nausea.

Overexposure chronic: The toxicological properties of this product have not been fully investigated. Repeated exposure may present additional hazards.

Section 12 – Ecological Information

Section 13 – Disposable Considerations

Waste Disposal Method: Incineration or land fill in accordance with Federal, State and Local regulations.

Section 14 – Transport Information

Section 15 – Regulatory Information

Section 16 – Other information including information on preparation and revision of the SDS

Hazard Rating System
HMIS Health: 2 Fire: 1 Reactivity: 0 Personal Protection: H

Disclaimer:

This information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the manufacturer be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if manufacturer has been advised of such damages.