

United Tactical Systems, LLC

Safety Data Sheet (SDS)

Date Printed: 08/11/2016
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Section 1 – Identification of the substance or mixture and of the supplier

Product Name: PEPPERBALL VXR™ (Yellow)
Product Number: 0500-19
MSDS Reference: VKS0500-19
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
29% Phenoxy Resin PKHW-34
<10% AX Yellow
<1% Byk-025
<1% Water
<1% Isopropyl Alcohol
<1% TAMOL 1124

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

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