

# MATERIAL SAFETY DATA SHEET

Manufacturer: US Specialty Coating, Inc.  
3085 Trotters Parkway  
Alpharetta, GA 30004  
Emergency Telephone: 770-740-8549  
After Business Hours Emergency Only 40-408-0401

## SECTION I: PRODUCT IDENTIFICATION

Product Name: **Athletic Field Marking Liquid Chalk White and Colors**  
Chemical Family: Mixed solvents and Resins  
Latest Revision Date: 09/03

## SECTION II: HAZARDOUS INGREDIENTS & OTHER COMPONENTS

Ingredient	% by Weight	Exposure limits		CAS#
		OSHA PEL	ACGIH TLV	
Mineral Spirits	15 - 20	300		8052-41-3
Isobutane / Propane blend	28 - 35	600 - 1000 (estimate)		75-28-5

This product may contain one or more materials subject to the reporting requirements of Section 313 of the emergency planning and community Right-To-Know Act of 1986 and of 40 CFR 372, see Section X for specific materials.

## SECTION III: PHYSICAL DATA

Boiling Point : 315 Deg. F	Vapor Pressure, mm HG at 68 deg F: Not established
Vapor Density (Air=1): Not established	Specific Gravity: 1.1
Percent Volatile by Volume: 56%	Evaporation Rate (Butyl Acetate=1) : 1
Solubility in water: slight	Appearance and odor: White and various colors. Paint smell.

## SECTION IV: FIRE & EXPLOSION DATA

Flash Point TCC/PM deg F: 110 **EXTREMELY FLAMMABLE**  
Lower Explosion Limit: 1.0  
Upper Explosion Limit: 6.0  
Extinguishing Media: Carbon monoxide, Dry foam, Chemical or and/or water fog. Special fire fighting procedure: Fire Fighters must wear self-contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray. Unusual Fire and Explosion Hazard: Contains oxidizing materials. Contaminated rags, wipes, sawdust, etc. may catch fire spontaneously. Store waste in closed metal containers until disposed of in compliance with all applicable regulations.

## SECTION V: HEALTH HAZARD DATA

Effects of over exposure: Immediate effects (Acute): Eye irritation. Harmful if inhaled. May affect brain, nervous system or respiratory system, causing dizziness, headache, nausea or respiratory irritation. Overexposure to ingredients in this product may cause nose and throat irritation, eye irritation, and skin irritation.

Delayed Effects (Chronic): Notice: Reports have associated repeated and long term and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Medical conditions generally aggravated by exposure: Any respiratory condition.

Emergency procedures and first aid:

Eye contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention.

Skin contact: Wash thoroughly with soap and water.

Inhalation: If affected by inhalation of vapor or spray mist, remove to fresh air.

Swallowing: If swallowed, get medical attention immediately.

Possible routes of entry: Inhalation, ingestion, skin absorption.

---

#### SECTION VI: REACTIVITY DATA

---

Stability: This product is stable.

Condition to avoid: Heat and flame.

Incompatibility: None

Hazardous decomposition products: Carbon monoxide, Carbon Dioxide

Hazardous polymerization: None

---

#### SECTION VII: SPILL OR LEAK PROCEDURES

---

Ventilate area. Avoid breathing of vapors. Use self-contained breathing apparatus or air mask for large spill in confined area. Avoid contacts with eyes.

Waste disposal method: Dispose in chemical disposal area or in a manner that complies with local, state and federal regulations. Do not incinerate closed containers.

---

#### SECTION VIII: SPECIAL PROTECTION INFORMATION

---

Respiration protection: Wear appropriate, properly fitted respirator (NIOSH / MSHA approved) during and after application, unless air monitoring vapor / mist level are below applicable limits. Follow respirator manufacturer direction for respirator use.

Ventilation: Required for handling in confined areas. Ventilation equipment must be explosion proof.

Protective gloves: Gloves impervious to solvents.

Eye protection: Chemical safety goggles.

Other protective equipment: Usual clothing and protective gear used for handling solvent based flammable products.

---

#### SECTION X: SPECIAL PRECAUTIONS

---

Precautions to be taken during handling and storage: Keep away from heat, sparks and open flames. Keep containers closed when not in use. Do not store above 120 deg. F, based on OSHA 1910.106. Empty containers may contain product residue, including flammable and explosive vapors. Do not cut puncture or weld on or near container. All label warnings must be observed until the container has been properly disposed.

---

#### DISCLAIMER

---

The information contained herein is based on data and information considered and believed to be accurate.

US SPECIALTY COATINGS INC. makes no warranties expressed or implied and assume no responsibility for the accuracy or completeness of the data. US SPECIALTY COATINGS INC. further assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by this material. Such vendors or users assume all risks associated with the use of this material.