

# MATERIAL SAFETY DATA SHEET

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## ATHLETIC FIELD MARKING WHITE

<b>1. Product And Company Identification</b>			
<b>Supplier</b> Athletic Specialties, Inc. 240 Industrial Drive Wauconda, IL 60084 USA  Company Contact: Carey D. Brunelli Telephone Number: 800-779-0990 FAX Number: 800-493-2565 E-Mail: sales@asisports.com Web Site: www.asisports.com			
<b>Supplier Emergency Contacts &amp; Phone Number</b> None Given		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> Chem-Tel: 1-800-255-3924	
Issue Date: 11/03/2009  Product Name: ATHLETIC FIELD MARKING WHITE Chemical Name: 6-5858-5 MSDS Number: 4586 Product Code: 429-1450-5 Product/Material Uses - Spray Paint			
<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	BUTANE	106-97-8	1 - 5
	CALCIUM CARBONATE	471-34-1	10 - 15
	LIGHT AROMATIC NAPHTHA	64742-95-6	1 - 5
	MINERAL SPIRITS	8052-41-3	1 - 5
	PROPANE	74-98-6	5 - 10
	TITANIUM DIOXIDE	13453-67-7	5 - 10
	TOLUENE	108-88-3	10 - 15
	V.M. & P. NAPHTHA	64742-89-8	1 - 5
	XYLENE (MIXED ISOMERS)	1330-20-7	1 - 5
Non-hazardous components: Water Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.			40-45%
<b>3. Hazards Identification</b>			
<b>Primary Routes(s) Of Entry</b> - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation. <b>Eye Hazards</b> - Causes eye irritation. <b>Skin Hazards</b> - Causes skin irritation. <b>Ingestion Hazards</b> - This is an aerosol product, ingestion is unlikely to occur. Contains petroleum distillate, harmful if swallowed. If accidentally swallowed, do not induce vomiting. Call physician immediately. <b>Inhalation Hazards</b> - Deliberated inhalation of concentrated vapor or mist may cause headache, dizziness and nausea. If dust is formed during use, breathing too much dust may cause irritation of the nose, throat and lungs. <b>Chronic/Carcinogenicity Effects</b> - Toluene and xylene have been associated with kidney and liver disorders. Contains titanium dioxide and less than 0.1% ethyl benzene; IARC has evaluated and classified titanium dioxide and ethyl benzene as a possibly human carcinogens (group 2B) based on sufficient evidence of carcinogenicity in animals, but inadequate evidence for cancer in exposed humans. This product may contain up to 0.1% crystalline silica (quartz). California's Proposition 65: "Warning: This product contains chemicals known to the State of California to cause cancer."			

## ATHLETIC FIELD MARKING WHITE

### 3. Hazards Identification - Continued

**Teratogenicity (Birth Defects)** - California's Proposition 65: "Warning: this product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm".

**Reproductive Effects** - Suspect reproductive hazard. Contains material which may cause birth defects, based on animal data. This product contains toluene.

**Neurotoxicity** - Not known

**Mutagenicity (Genetic Effect)** - Not known

**Signs And Symptoms** - Acute: Prolonged inhalation of vapor or mist may cause headache, dizziness and nausea. Breathing too much dust may cause irritation of the nose, throat and lungs. Prolonged contact with the skin causes irritation. Irritant to eyes.

**Conditions Aggravated By Exposure** - Pre-existing skin, respiratory, liver and kidney disorders.

**Conditions Aggravated By Overexposure** - Pre-existing skin, respiratory, liver and kidney disorders.

### First Aid (Pictograms)



### 4. First Aid Measures

**Eye** - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin** - Wash skin with soap and water. If irritation develops, consult a physician.

**Ingestion** - Ingestion from an aerosol product is unlikely to occur. Contains petroleum distillates. Harmful if swallowed. If accidentally swallowed, do not induce vomiting, call physician immediately.

**Inhalation** - If overcome by vapor move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.

### 5. Fire Fighting Measures

**Flash Point:** Not available °F Not available °C

**Flash Point Method:** Not available

**Lower Explosive Limit:** Not available

**Upper Explosive Limit:** Not available

**Fire And Explosion Hazards** - This product is an aerosol product for which **Flame Projection is over 18 in, with flashback.** Temperatures above 120 F may cause cans to burst.

**Extinguishing Media** - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

**Fire Fighting Instructions** - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

### 6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

**Handling And Storage Precautions** - Handle as an extremely flammable material. Store in a cool, dry place away from heat and open flame.

**Handling Precautions** - Avoid getting spray into eyes. Keep out of reach of children.

**Storage Precautions** - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric

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### 7. Handling And Storage - Continued

motors and static electricity).

**AEROSOL STORAGE LEVEL III (NFPA-30B)**

**Work/Hygienic Practices** - Wash hands thoroughly after using this product.

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

**Engineering Controls** - Use with adequate general and local exhaust ventilation.

**Eye/Face Protection** - Conventional eyeglasses to guard against splashing.

**Skin Protection** - Rubber, vinyl or household type gloves.

**Respiratory Protection** - Use in a well-ventilated area ONLY. **NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or use an appropriate, properly fitted respirator (NIOSH approved), or leave the area. **NOTE:** Follow respirator manufacturer's instructions carefully.

### Ingredient(s) - Exposure Limits

BUTANE

ACGIH TLV-TWA 800 ppm

CALCIUM CARBONATE

ACGIH TLV-TWA 10 mg/m<sup>3</sup> ; OSHA PEL-TWA 15 mg/m<sup>3</sup> ; OSHA PEL-TWA 5 mg/m<sup>3</sup>

LIGHT AROMATIC NAPHTHA

50PPM Recommended by the manufacturer.

MINERAL SPIRITS

ACGIH TLV-TWA 100ppm ; OSHA PEL-TWA 500ppm

PROPANE

ACGIH TLV-TWA 2500 ppm ; OSHA PEL-TWA 1,000 ppm

TITANIUM DIOXIDE

ACGIH TLV-TWA 10 mg/m<sup>3</sup> ; OSHA PEL-TWA 15 mg/m<sup>3</sup>

TOLUENE

ACGIH TLV-TWA 50 ppm (Skin) ; OSHA PEL-CEILING 300 ppm ; OSHA PEL-PEAK 500 ppm

OSHA PEL-TWA 200 ppm

V.M. & P. NAPHTHA

ACGIH TLV-TWA 300 ppm

XYLENE (MIXED ISOMERS)

ACGIH TLV-STEL 150 ppm ; ACGIH TLV-TWA 100 ppm ; OSHA PEL-TWA 100 ppm

### 9. Physical And Chemical Properties

**Appearance** - Appearance of paint.

**Odor** - Paint odor.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** Not applicable °F Not applicable °C

**Boiling Point:** Water 212 °F Water 100 °C

**Specific Gravity:** 1.168

**Percent VOCs:** 32.93

**Solubility:** Insoluble

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### 9. Physical And Chemical Properties - Continued

**Evaporation Rate:** Faster than butyl acetate

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)** - Temperatures above 120 F

**Incompatible Materials** - Avoid heat, open flame and contact with strong oxidizers.

**Hazardous Decomposition Products** - Thermal decomposition may yield gases like carbon monoxide, carbon dioxide, and calcium oxide.

**Conditions To Avoid (Polymerization)** - Temperatures above 120 F

### 11. Toxicological Information

#### **Ingredient(s) - Carcinogenicity**

TITANIUM DIOXIDE

Listed In The IARC Monographs

### 12. Ecological Information

**Ecotoxicological Information** - No specific ecological data is available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

### 13. Disposal Considerations

Do not puncture or incinerate container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

### 14. Transport Information

**Proper Shipping Name** - ORM-D Consumer Commodity

#### **Hazard Class**

2.1

#### **DOT Identification Number**

UN1950

#### **DOT Shipping Label**

Aerosol Consumer Commodity

### 15. Regulatory Information

**U.S. Regulatory Information** - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### **SARA Hazard Classes**

Acute Health Hazard; Chronic Health Hazard; Fire Hazard

**SARA Section 313 Notification** - This product contains the following toxic chemicals (above the *de minimis* level) 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. This information must be included in all MSDSs that are copied and distributed for this material. This product contains Toluene and xylene. See section 2 for % amounts in the product.

#### **Ingredient(s) - U.S. Regulatory Information**

TOLUENE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

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### 15. Regulatory Information - Continued

#### Ingredient(s) - U.S. Regulatory Information - Continued

XYLENE (MIXED ISOMERS)

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

#### Ingredient(s) - State Regulations

BUTANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

CALCIUM CARBONATE

Pennsylvania - Workplace Hazard

PROPANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

TITANIUM DIOXIDE

New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; New York City - Hazardous Substance

TOLUENE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; California - Proposition 65; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

V.M. & P. NAPHTHA

New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; New York City - Hazardous Substance

XYLENE (MIXED ISOMERS)

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

**NFPA**



**HMIS**

HEALTH	*2
HAZARD	4
REACTIVITY	1
PERSONAL PROTECTION	B

### 16. Other Information

#### Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 02/27/2006

#### Disclaimer

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Disclaimer - Continued

for their particular purposes(s).

Athletic Specialties, Inc.

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