

# MATERIAL SAFETY DATA SHEET

Date revised: 4/30/03

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**ZYNOLYTE SPEED E-NAMEL**

Zynolyte is a registered trademark of the Glidden Company

The information presented in these forms is believed to be correct and sufficient to meet the requirements of OSHA Hazard Communication standard (29 CFR 1910.1200) concerning worker's right to know.

The following material safety data sheet covers the hazardous ingredients associated with more than one color aerosol product. As per 29 CFR 1900.1200 paragraph (g); whenever the hazards associated with similar mixtures are the same, then one MSDS may be prepared to cover several products.

## SECTION I - DISTRIBUTOR IDENTIFICATION



Athena Brands, Inc.  
Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Telephone No (Chemtrec): 1-800-424-9300  
Information Telephone No: (775) 782-0136

## SECTION II: HAZARDOUS INGREDIENTS / SARA III INFORMATION / OCCUPATIONAL EXPOSURE LIMITS

Common Name	Hydrocarbon Propellant	n-Butyl Acetate	Acetone	Xylene	Methyl Isobutyl Ketone	Cyclohexane	Glycol Ether PM Acetate	Solvent, Medium Aliphatic Naptha	MEK	Mineral Spirits
Chemical Name	Hydrocarbon Propellant	Butyl Acetate	2-Propanone	Benzene, Dimethyl	2-Pentanone, 4-Methyl-	Cyclohexane	Propylene Glycol Methyl Ether Acetate	Solvent, Medium Aliphatic Naptha	2-Butanone	Aliphatic Hydrocarbon
CAS#	68476-86-8	123-86-4	67-64-1	1330-20-7	108-10-1	110-82-7	108-65-6	64742-88-7	78-93-3	8052-41-3
ACGIH -TLV (TWA)	1000 ppm	150 ppm	500 ppm	100 ppm	50 ppm	300 ppm	N/A	NA	200 ppm	100 ppm
OSHA -PEL (TWA)	1000 ppm	150 ppm	1000 ppm	100 ppm	100 ppm	300 ppm	N/A	500 ppm	200 ppm	500 ppm
SARA 3B Listed	no	no	no	yes	yes	yes	no	no	yes	no
Paint Code	Description	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %
0275	Semi-Gloss White	30% - 40%	1% - 5%	30% - 40%	5% - 10%	5% - 10%		1% - 5%		
0277	Semi-Gloss Black	30% - 40%	5% - 10%	30% - 40%	5% - 10%	5% - 10%		1% - 5%		1% - 5%
0297	Persimmon	20% - 30%	1% - 5%	35% - 45%	5% - 10%			1% - 5%	5% - 10%	
0307	Acrylic Clear	20% - 30%		35% - 45%	10% - 20%		1% - 5%			
0317	Aluminum	20% - 30%		35% - 45%	5% - 10%					
0357	Chocolate Brown	20% - 30%	1% - 5%	35% - 45%	5% - 10%			1% - 5%	5% - 10%	
0377	Flat White	30% - 40%		35% - 45%	5% - 10%					
0387	Gloss Black	20% - 30%		35% - 45%	5% - 10%					1% - 5%
0397	Gloss White	20% - 30%		35% - 45%	5% - 10%					
0407	Gold	30% - 40%		5% - 10%	10% - 20%	20% - 30%				
0467	Lemon Yellow	20% - 30%		30% - 40%	5% - 10%					1% - 5%
0468	Medium Gray	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	1% - 5%	
0469	Hunter Green	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	5% - 10%	
0470	Bermuda Blue	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	5% - 10%	
0471	Royal Blue	20% - 30%		35% - 45%	5% - 10%					
0480	Biege	20% - 30%		35% - 45%	5% - 10%					1% - 5%
0482	Almond	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	1% - 5%	
0487	Flat Black	20% - 30%		30% - 40%	5% - 10%			1% - 5%		1% - 5%
0489	Light Gray	20% - 30%		35% - 45%	5% - 10%					1% - 5%
0506	Antique White	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	5% - 10%	
0516	Purple	20% - 30%		35% - 45%	5% - 10%					
0517	Rich Red	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	5% - 10%	
0518	Pink	20% - 30%		35% - 45%	5% - 10%					
0519	Burgundy	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	1% - 5%	1% - 5%
0525	Kelly Green	20% - 30%		35% - 45%	5% - 10%					1% - 5%
0526	Mica	30% - 40%	1% - 5%	30% - 40%	5% - 10%			1% - 5%	5% - 10%	
Primer Code	Description	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %
0417	White Primer	35% - 45%	1% - 5%	30% - 40%	1% - 5%	1% - 5%			1% - 5%	
0427	Gray Metal Primer	35% - 45%	1% - 5%	30% - 40%	1% - 5%	1% - 5%			1% - 5%	
0447	Red Oxide Primer	35% - 45%	1% - 5%	30% - 40%	1% - 5%	1% - 5%			1% - 5%	



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### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

**SPECIFIC GRAVITY (H2O = 1):** 0.7 - 0.8

**PHYSICAL STATE:** Aerosol

**VAPOR DENSITY:** Heavier than air

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** < 0° F (-18° C)

**METHOD USED:** Estimated

**FLAMMABLE LIMITS:** LEL: 0.7 % UEL: 15.8 %

**EXTINGUISHING MEDIA:** Dry chemical or foam, water fog, carbon dioxide

**FIRE FIGHTING PROCEDURES:** Water may be used to cool and protect exposed containers. Fire fighters should use full protective clothing and a self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may rupture when exposed to extreme heat or fire. Vapors are extremely flammable and may form explosive mixtures in air. Vapors are heavier than air and may travel long distances to a source of ignition and flash back.

**FLAMMABILITY:** Yes - flammable aerosol under conditions of sparks, flame or hot surfaces.

**SENSITIVITY TO IMPACT:** Contents under pressure, do not puncture.

### SECTION V - REACTIVITY DATA

**STABILITY:** Stable **CONDITIONS TO AVOID:** Elevated temperatures, contact with oxidizing agent, sparks, open flame, ignition sources.

**MATERIALS TO AVOID:** Oxidizers, acids, bases, reducing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur

### SECTION VI - HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY:** Inhalation, skin contact, eye contact.

**EFFECTS OF OVEREXPOSURE (SIGNS AND SYMPTOMS):**

**INHALATION:** Prolonged inhalation may lead to loss of appetite, mucous membrane irritation, fatigue, drowsiness, dizziness, and/or light-headedness, headache, uncoordination, nausea, vomiting, difficulty with speech, apathy, central nervous system depression, intoxication, tightness of chest, metallic taste, confusion, anesthetic effect or narcosis, difficulty of breathing, blood abnormalities, bronchitis, tremors, liver damage, kidney damage, neurotoxicity, convulsions, loss of consciousness, respiratory failure, asphyxiation, death.

**SKIN CONTACT:** Irritation of skin. Prolonged or repeated contact may cause dermatitis, defatting, blistering.

**EYE CONTACT:** Irritation of eyes. Prolonged or repeated contact may cause conjunctivitis, blurred vision, tearing, redness, severe irritation, corneal injury, blindness.

**INGESTION:** May cause mouth and throat irritation, mucous membrane irritation, fatigue, drowsiness, dizziness, and / or light headedness, headache, uncoordination, nausea, vomiting, diarrhea, gastro-intestinal disturbances, intoxication, difficulty breathing, liver damage, kidney damage, pulmonary edema.

**OSHA LISTED CARCINOGENS:** None

**TERATOGENICITY:** No teratogenic effects are anticipated **MUTAGENICITY:** No mutagenic effects are anticipated

**TOXICOLOGICALLY SYNERGISTIC PRODUCT:** N/A

**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:** Eye, skin, respiratory disorders, kidney disorders, nervous system disorders.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** If affected, remove to fresh air. If signs or symptoms persist, seek medical attention.

**SKIN CONTACT:** Wash affected area, remove contaminated clothing. If signs or symptoms persist, seek medical attention.

**EYE CONTACT:** Flush immediately with water for at least 15 minutes. If signs or symptoms persist, seek medical attention.

**INGESTION:** If swallowed, seek medical attention.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition. Ventilate area.

Prevent from entering a watercourse. Use an inert absorbent and non-sparking type tools.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Do not store above 120° F / 49° C. Do not store or use near heat, sparks or flame.

**OTHER PRECAUTIONS:** Do not smoke while using this product. Dust from sanding the dry paint films should be treated as a nuisance dust with a OSHA PEL (TWA) of 15 mg/cubic meter.

### SECTION VIII - CONTROL MEASURES

**RESPIRATORY PROTECTION:** In areas with poor ventilation, use a NIOSH approved Organic Cartridge Respirator.

For concentrations above the TLV (as defined in Section II), use a positive air supplied respirator.

**VENTILATION:** General ventilation to maintain exposure limits below TLV's as defined in SECTION II.

**PROTECTIVE GLOVES:** Chemical resistant gloves such as Neoprene or Nitrile rubber.

**EYE PROTECTION:** Safety glasses with side shields, or goggles, are recommended to prevent eye contact.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not established.

**WORK / HYGIENIC PRACTICES:** Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

### SECTION IX - DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO.  
NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.