

**MANUFACTURER**

Castle Products, Inc.  
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**MATERIAL SAFETY DATA SHEET**

Hazard: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.  
 Protection: A-Goggles, B-Goggles & gloves,  
 C-Goggles, gloves, & protective wear.  
 Other: NA-Not Applicable, ND-Not Determined,  
 NE-Not Established.

**HAZARD RATING**

Health 2  
 Fire 3  
 Reactivity 0  
 Protection B

**SECTION I DESCRIPTION**

TRADE NAME: **Castle® Rubberized Undercoating™**

PRODUCT TYPE: Abrasion-Resistant Undercoat

**SECTION II HAZARDOUS INGREDIENTS**

INGREDIENT	CAS #	PEL	TLV	STEL	%
Acetone	67-64-1	NE	NE	NE	10-45 %
Toluene	108-88-3	NE	50 ppm	NE	10-30 %
Propane	74-98-6	NE	1000 ppm	NE	10-30 %
Calcium Carbonate	1317-65-3	NE	NE	NE	7-13 %
Isobutane	75-28-5	NE	NE	NE	5-10 %
Carbon Black	1333-86-4	NE	NE	NE	.1-1 %

**SECTION III PHYSICAL DATA**

BOILING POINT:	NE	SPECIFIC GRAVITY (H <sub>2</sub> O=1):	0.92 – 0.96 (liquid by weight)
VAPOR PRESSURE:	55-65	PERCENT VOLATILE BY VOL %:	NE
VAPOR DENSITY (air=1):	Greater than 1	EVAPORATION RATE (Butyl Acetate=1):	Greater than 1
SOLUBILITY IN WATER:	Negligible	APPEARANCE & ODOR:	Black / Aromatic

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (method used): 4.4°C (TCC)      LOWER EXPLOSIVE LIMIT: 1.2 %      UPPER EXPLOSIVE LIMIT: 7.1 %  
 EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or foam.  
 UNUSUAL FIRE & EXPLOSION HAZARDS: Extremely flammable, particularly under conditions of excessive heat, sparks, and open flame. Heated cans may burst.  
 SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, should be worn in a fire involving this material. Water from fogging nozzles may be used to cool closed containers to prevent pressure build-up if exposed to extreme temperatures.

**SECTION V HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact, inhalation, and ingestion.  
 EFFECTS OF OVEREXPOSURE: • Eyes: May cause irritation. • Skin: May cause irritation. Chronic exposure may cause defatting and/or dermatitis.  
 • Inhalation: Inhalation of solvents may cause irritation. Propellant is a simple asphyxiant. • Ingestion: May cause headache, nausea, vomiting, and weakness.  
 EMERGENCY & FIRST AID PROCEDURES: • Eyes: Flush with plenty of water for at least 15 minutes and get medical attention. • Skin: Wash thoroughly with soap and water. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting. Get immediate medical attention.

**SECTION VI REACTIVITY DATA**

STABILITY: Stable under normal conditions.  
 INCOMPATIBILITY (materials to avoid): Strongly oxidizing agents.  
 HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.  
 HAZARDOUS DECOMPOSITION PRODUCTS: In fire, will decompose to hydrocarbon fumes and smoke and carbon monoxide where combustion is incomplete.

**SECTION VII SPILL OR LEAK PROCEDURES**

IF RELEASED OR SPILLED: Remove all sources of ignition. Use inert absorbent material and non-sparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering watercourses.  
 WASTE DISPOSAL METHOD: Do not puncture or incinerate even when empty. Dispose of in accordance with federal, state, and local regulations.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

VENTILATION: LOCAL XXXXX MECHANICAL (if used indoors on a continuous basis) OTHER  
 RESPIRATORY PROTECTION: If used indoors on a continuous basis, use of a cartridge type respirator (NIOSH / MSHATC 23C or equivalent) is recommended.  
 EYE PROTECTION: Safety goggles.  
 PROTECTIVE GLOVES: Chemical resistant gloves.  
 OTHER PROTECTIVE EQUIPMENT: Long sleeves and long pants.

**SECTION IX SPECIAL PRECAUTIONS**

HANDLING & STORING PRECAUTIONS: Store in a cool, well-ventilated area not to exceed 50°C. Keep away from heat, sparks, or open flame.

PREPARED: 09/25/93

UPDATED: 1/10/11

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