

**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 3  
Fire 3  
Reactivity 0  
Protection B

**SECTION I DESCRIPTION**

TRADE NAME: **Castle® Two-Way Multi Purpose Solvent™** (VOC Compliant) PRODUCT TYPE: Auto Body Solvent & Interior Spot Remover

**SECTION II HAZARDOUS INGREDIENTS**

INGREDIENT	CAS #	PEL	TLV	STEL	%
Hydrotreated Light Distillate	64742-47-8	400 ppm	400 ppm	NE	NE
Solvent Naphtha	64742-89-8	1400 mg/m <sup>3</sup>	293 ppm	NE	NE
Aromatic Hydrocarbon	108-88-3	100 ppm	NE	150 ppm	NE
DiEthylene Glycol Monobutyl Ether	111-76-2	25 ppm (skin)	25 ppm (skin)	NE	NE

**SECTION III PHYSICAL DATA**

BOILING POINT:	ND	SPECIFIC GRAVITY (H <sub>2</sub> O=1):	0.75
VAPOR PRESSURE:	ND	PERCENT VOLATILE BY VOL %:	NE
VAPOR DENSITY (air=1):	> 1	EVAPORATION RATE (Butyl Acetate=1):	< 1
SOLUBILITY IN WATER:	Insoluble	APPEARANCE & ODOR:	Clear / Solvent odor

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (method used): 40°F (ASTM D-96 Tag C.C.) LOWER EXPLOSIVE LIMIT: ND UPPER EXPLOSIVE LIMIT: ND  
EXTINGUISHING MEDIA: Dry chemical, CO<sub>2</sub>, foam, or water fog.  
UNUSUAL FIRE & EXPLOSION HAZARDS: Eliminate all ignition sources. Handling equipment must be grounded. Use water fog to knock down vapors.  
SPECIAL FIRE FIGHTING PROCEDURES: Full bunker gear and pressure self-contained breathing apparatus required. Use water to cool fire-exposed containers. Do not use a direct stream of water as it may spread fire. Product will float and can be re-ignited on surface water.

**SECTION V HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact, inhalation, and ingestion.  
EFFECTS OF OVEREXPOSURE: • Eyes: Irritation, redness, and blurred vision. • Skin: Irritation, defatting, and redness. • Inhalation: May cause dizziness.  
• Ingestion: Nausea, vomiting, and abdominal cramps.  
EMERGENCY & FIRST AID PROCEDURES: • Eyes: Flush with large amounts of water for 15 minutes. Get medical attention. • Skin: Wash with soap and water and rinse thoroughly. • Inhalation: Remove to fresh air. • Ingestion: Give water to dilute. Do not induce vomiting. Get medical attention.

**SECTION VI REACTIVITY DATA**

STABILITY: Stable under normal conditions.  
INCOMPATIBILITY (material to avoid): Strong oxidizers. Eliminate all sources of ignition.  
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon dioxide/monoxide fumes.  
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

**SECTION VII SPILL OR LEAK PROCEDURES**

IF RELEASED OR SPILLED: Person not wearing protective equipment and clothing should leave. Remove all ignition sources. Ventilate area. Recover liquid with absorbent pads or absorbent material.  
WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

VENTILATION: LOCAL XXXXX MECHANICAL OTHER  
RESPIRATORY PROTECTION: NIOSH approved respirator with organic vapor cartridge.  
PROTECTIVE GLOVES: Vinyl or rubber.  
EYE PROTECTION: Splash protection.  
OTHER PROTECTIVE EQUIPMENT: As needed to prevent prolonged skin contact.

**SECTION IX SPECIAL PRECAUTIONS**

HANDLING & STORING PRECAUTIONS: Always use in well-ventilated area. Keep away from all sources of ignition. Always wash hands and face before consuming food or beverages or using smoking materials.

PREPARED: 07/10/86

UPDATED: 07/26/05

PRODUCT #: C7905, C79128, C7930,  
C7955, C3204