

**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 2  
 Reactivity 0  
 Protection B

**SECTION I DESCRIPTION**TRADE NAME: **Castle® Streak Proof™**

PRODUCT TYPE: Glass Cleaner

**SECTION II HAZARDOUS INGREDIENTS**

INGREDIENT	CAS #	PEL	TLV	STEL	%
Isopropanol	67-63-0	NE	500 ppm	NE	1-5 %
Ethylene glycol monobutyl ether	111-76-2	NE	25 ppm (skin)	NE	1-5 %
Isobutane	75-28-5	NE	1000 ppm	NE	1-5 %
Propane	74-98-6	NE	1000 ppm	NE	0.5-1.5%

**SECTION III PHYSICAL DATA**

BOILING RANGE:	180°F	SPECIFIC GRAVITY:	NE
VAPOR PRESSURE:	NE	PERCENT VOLATILE BY VOL %:	NE
VAPOR DENSITY:	NE	EVAPORATION RATE:	NE
SOLUBILITY IN WATER:	Easily soluble	APPEARANCE & ODOR:	Clear / Bouquet

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (method used): ND LOWER EXPLOSIVE LIMIT: ND UPPER EXPLOSIVE LIMIT: ND  
 EXTINGUISHING MEDIA: Alcohol foam, CO<sub>2</sub>, dry chemical foam, or water fog.  
 UNUSUAL FIRE & EXPLOSION HAZARDS: Mechanical impact and static discharge raise the risk of explosion.  
 SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (MSHA / NIOSH approved or equivalent) and full protective gear.  
 Keep containers cool with water spray to prevent pressure build-up or explosion. Use equipment or shielding to protect against bursting or venting containers.

**SECTION V HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact, inhalation, and ingestion.  
 EFFECTS OF OVEREXPOSURE: • Eyes: May cause irritation, redness, and tearing. • Skin: May cause skin irritation. • Inhalation: May cause dizziness, weakness, fatigue, nausea, and headaches. • Ingestion: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.  
 EMERGENCY & FIRST AID PROCEDURES: • Eyes: Flush eyes with plenty of water for at least 15 minutes, lifting upper and lower lids, occasionally. If irritation persists, consult physician. • Skin: Wash thoroughly with soap and water. If irritation persists, consult physician. • Inhalation: Remove to fresh air. If affected person has difficulty breathing, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention. • Ingestion: Do NOT induce vomiting. Rinse mouth with water. Have conscious person drink 1 to 2 glasses of water. Do not give anything by mouth if affected person is unconscious. Get medical attention.

**SECTION VI REACTIVITY DATA**

STABILITY: Stable under normal conditions.  
 INCOMPATIBILITY (material to avoid): Strong acids, strong alkalis, and strong oxidizers.  
 HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides (CO and CO<sub>2</sub>) and other irritating gases.

**SECTION VII SPILL OR LEAK PROCEDURES**

IF RELEASED OR SPILLED: Absorb with an inert dry material and place in an appropriate waste disposal container.  
 WASTE DISPOSAL METHOD: Recycle to process, if possible. Consult your local or regional authorities. When container is empty, press button to release all pressure, then dispose of in garbage can. Dispose in accordance with federal, state, and local regulations.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

VENTILATION: LOCAL XXXXX MECHANICAL OTHER  
 RESPIRATORY PROTECTION: If airborne concentrations are expected to exceed exposure limits (listed above), a NIOSH / MSHA approved air-purifying respirator may be permissible. If potential for uncontrolled release, exposure levels are unknown, or if air-purifying respirators may not provide adequate protection, use self-contained, positive pressure air-supplied respirator.  
 EYE PROTECTION: Safety glasses with side shields (or safety goggles) and a face shield.  
 PROTECTIVE GLOVES: Where contact is likely, wear chemical resistant gloves.  
 OTHER PROTECTIVE EQUIPMENT: Where contact is likely, wear chemical suit and rubber boots. Follow standard industrial clothing standards.

**SECTION IX SPECIAL PRECAUTIONS**

HANDLING & STORING PRECAUTIONS: Wash thoroughly after handling. Keep away from heat, sparks, or open flame. Store in a cool, dry place. Do not puncture, incinerate, or store the container at temperatures over 50°C or in direct sunlight.

PREPARED: 09/09/94

UPDATED: 1/7/11

PRODUCT #: C0603, C2003