

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 1
Fire 1
Reactivity 0
Protection B

SECTION I DESCRIPTION

TRADE NAME: **Castle® E-Z Bead™ Hi-Temp Red**

PRODUCT TYPE: High Temperature RTV Silicone Adhesive Sealant

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PEL	TLV	STEL	%
Methyltriacetoxysilane	4253-34-3	NE	NE	NE	2.0 %
Amorphous Silica	7631-86-9	***	100 mg/m ³	NE	10.0 %
Ethyltriacetoxysilane	17689-77-9	NE	NE	NE	2.0 %

***15 mg/m³ total dust, 5 mg/m³ respirable fraction.

SECTION III PHYSICAL DATA

BOILING POINT:	NE	SPECIFIC GRAVITY (H ₂ O=1):	1.04
VAPOR PRESSURE:	NA (@ 25C)	PERCENT VOLATILE BY WEIGHT:	NA
VAPOR DENSITY (air=1):	NA	EVAPORATION RATE (Butyl Acetate=1):	NE
SOLUBILITY IN WATER:	None	APPEARANCE & ODOR:	Red / Acetic acid odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): ND LOWER EXPLOSIVE LIMITS: ND UPPER EXPLOSIVE LIMITS: ND
EXTINGUISHING MEDIA: CO₂, water, water fog or spray, dry chemical, or foam.
UNUSUAL FIRE & EXPLOSION HAZARDS: None known.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.

SECTION V HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact, inhalation, and ingestion.
EFFECTS OF OVEREXPOSURE: • Eyes: Irritation. • Skin: Irritation of lips, gums, tongue, and skin. • Inhalation: Mild respiratory irritation. • Ingestion: May cause gastric distress.
EMERGENCY & FIRST AID PROCEDURES: • Eyes: Flush immediately with plenty of water for at least 15 minutes & get medical attention. • Skin: Remove completely with a dry cloth before washing with detergent and water. Get medical attention if irritation develops. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting. Get immediate medical attention.

SECTION VI REACTIVITY DATA

STABILITY: Stable under normal conditions.
INCOMPATIBILITY (material to avoid): Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapors to form.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur oxides, carbon oxides, and traces of incompletely burned carbon compounds; silicon dioxide, iodine compounds, and formaldehyde.

SECTION VII SPILL OR LEAK PROCEDURES

IF RELEASED OR SPILLED: Wipe or soap up in an inert material and put in a container for disposal. To reduce slipping hazard, wash walking surfaces with detergent and water. Wear proper protective equipment as specified in the protective equipment section.
WASTE DISPOSAL METHOD: Dispose in accordance with federal, state, and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL MECHANICAL XXXXX OTHER
RESPIRATORY PROTECTION: Only use in a well-ventilated area to prevent irritation by vapors from the product. Use mechanical ventilation to stay below Threshold Limit Value (TLV) of 10 ppm acetic acid.
EYE PROTECTION: Safety glasses. Eyewash stations.
PROTECTIVE GLOVES: Rubber or plastic gloves.
OTHER PROTECTIVE EQUIPMENT: None known.

SECTION IX SPECIAL PRECAUTIONS

HANDLING & STORING PRECAUTIONS: Avoid contact with skin and eyes. CAUTION! Wearers of contact lenses must not handle until all sealant has been cleaned from fingertips. Residual silicone will transfer to lenses and cause severe eye irritation. Use proper ventilation to prevent irritation from product vapors. Keep away from heat, spark or open flame. Store at temperatures below 120°F.

PREPARED: 09/15/97

UPDATED: 1/6/11

PRODUCT #: C0809