

MANUFACTURER

Castle Products, Inc.
424 St. Paul Street
Rochester, NY 14605
1-800-876-0222
EMERGENCY (585) 275-3232

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 4
Reactivity 0
Protection B

SECTION I DESCRIPTIONTRADE NAME: **Castle[®] Brake Life[™]**

PRODUCT TYPE: Non-Curing Silicone Grease

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PEL	TLV	STEL	%
Polydimethylsiloxane	63148-62-9	NE	NE	NE	60%
Amorphous fumed silica	7631-86-9	6 mg/m3	10 mg/m3	NE	7-13%
Dimethylsiloxane, hydroxyl-terminated	70131-67-8	NE	NE	NE	7-13%
Propane/isobutane blend	68476-86-8	NE	NE	NE	10%

SECTION III PHYSICAL DATA

BOILING POINT:	ND	SPECIFIC GRAVITY:	1.03
VAPOR PRESSURE:	<5 mg Hg	PERCENT VOLATILE BY VOL %:	<2%
VAPOR DENSITY:	NE	EVAPORATION RATE:	NE
SOLUBILITY IN WATER:	Insoluble	APPEARANCE & ODOR:	Translucent/Slight, sweet

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Product: 214° F Propellant: -156° F LOWER EXPLOSIVE LIMIT: ND UPPER

EXPLOSIVE LIMIT: ND

EXTINGUISHING MEDIA: CO₂, dry chemical, or water fog.

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: Uncured product contact irritates eyes. • Skin: Uncured product contact will irritate lips, gums, tongue, and skin.

• Inhalation: Causes mild respiratory irritation. • Ingestion: May cause gastric distress.

EMERGENCY & FIRST AID PROCEDURES: • Eyes: Immediately flush with plenty of water for at least 15 minutes and get medical attention. • Skin: Remove completely with a dry cloth or paper towel before washing with detergent and water. Get medical attention if irritation develops. • Inhalation: Remove to fresh air.

• Ingestion: Do NOT induce vomiting. Give glass of water or milk. Call physician or poison control immediately. Never give food or drink to an unconscious person.

SECTION VI REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (material to avoid): Strong acids, bases, and strong oxidizers.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur oxides, carbon oxides, traces of incompletely burned carbon compounds, silicon dioxide, iodine compounds, formaldehyde.

SECTION VII SPILL OR LEAK PROCEDURES

IF RELEASED OR SPILLED: Wipe or soak up in an inert material and put in a container for disposal. To reduce slipping hazard, wash walking surfaces with detergent and water. Wear appropriate protective equipment as specified below.

WASTE DISPOSAL METHOD: Dispose as hazardous waste in accordance with federal, state, and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL XXXXX MECHANICAL OTHER

RESPIRATORY PROTECTION: Use in a well-ventilated area.

EYE PROTECTION: Safety glasses.

PROTECTIVE GLOVES: Chemical protective gloves are recommended.

OTHER PROTECTIVE EQUIPMENT: None known.

SECTION IX SPECIAL PRECAUTIONS

HANDLING & STORING PRECAUTIONS: Store below 100° F. Avoid contact with skin and eyes. Caution: Wearers of contact lenses must not handle lenses until all sealant has been cleaned from fingertips; residual silicone will transfer to lenses and cause severe eye irritation. Product releases acetic acid during application and curing. Use in a well-ventilated area to prevent irritation by vapors.

PREPARED: 01/11/95

UPDATED: 1/6/11

PRODUCT #: C0837