

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[®] Boss Shine[™] VOC Compliant**

PRODUCT TYPE: Tire Dressing

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PEL	TLV	STEL	%
Aliphatic Hydrocarbons	68551-19-9, 8052-41-3	NE	NE	NE	< 80 %
Silicone Fluid	63148-62-9	NE	NE	NE	< 10%
Surfactant Blend Proprietary	NA	NE	NE	NE	< 10 %

SECTION III PHYSICAL DATA

BOILING POINT:	122°F (initial)	SPECIFIC GRAVITY (H ₂ O=1):	0.731
VAPOR PRESSURE (mmHg):	125 @ R.T.	PERCENT VOLATILE BY VOL %:	85 %
VAPOR DENSITY (air=1):	> 1	EVAPORATION RATE (Butyl Acetate=1):	> A
SOLUBILITY IN WATER:	Nil	APPEARANCE & ODOR:	Clear / mild, pleasant odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 180°F (TCC) LOWER EXPLOSIVE LIMIT: 0.7 % UPPER EXPLOSIVE LIMIT: 5.0 %
EXTINGUISHING MEDIA: CO₂, dry chemical, alcohol foam, or water mist (fog).
UNUSUAL FIRE & EXPLOSION HAZARDS: Product is flammable.
SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus; wear protective equipment. VOC 3%

SECTION V HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact, inhalation, and ingestion.
EFFECTS OF OVEREXPOSURE: • Eyes: Slightly irritating. • Skin: Low order of toxicity. Frequent or prolonged contact causes irritation and/or dermatitis.
• Inhalation: High vapor / aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract. May cause headaches, dizziness, drowsiness, unconsciousness, anesthesia, and other central nervous system effects, including death. • Ingestion: Minimal toxicity. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
EMERGENCY & FIRST AID PROCEDURES: • Eyes: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
• Skin: Immediately flush with large amounts of water until irritation subsides. If irritation persists, get medical attention. • Inhalation: Using proper respiratory protection, immediately remove the affected person to fresh air. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention. • Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

SECTION VI REACTIVITY DATA

STABILITY: Stable under normal conditions.
INCOMPATIBILITY (material to avoid): Strong oxidizers.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

SECTION VII SPILL OR LEAK PROCEDURES

IF RELEASED OR SPILLED: Contain spill. Provide adequate ventilation. Keep people away. Extinguish all sources of ignition. Keep material out of public waters. Use dry absorbent on small spills.
WASTE DISPOSAL METHOD: Dispose in accordance with federal, state, and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL (Preferred) MECHANICAL (Acceptable) OTHER
RESPIRATORY PROTECTION: NIOSH-approved organic vapor respirator.
PROTECTIVE GLOVES: Rubber or neoprene gloves.
EYE PROTECTION: Safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT: Rubber apron and boots, eye bath, and safety shower.

SECTION IX SPECIAL PRECAUTIONS

HANDLING & STORING PRECAUTIONS: Store in dry, cool area. Keep containers closed. Use adequate ventilation. Wash thoroughly after handling. Use protective clothing. Remove all sources of ignition. Liquid is flammable: clean equipment thoroughly prior to maintenance and/or repair.

PREPARED: 05/14/98

UPDATED: 1/10/11

PRODUCT #: C48128, C4805, C4855