

MATERIAL SAFETY DATA SHEET

Business Hours 8:00 am - 5:00 pm
Emergency Telephone Number
972/442-6545

HARDCAST PRODUCTS
CARLISLE COATINGS AND WATERPROOFING, INC.
Subsidiary of Carlisle Corporation
900 Hensley Lane Wylie, Texas 75098

FOR TRANSPORTATION EMERGENCIES
CALL CHEMTREC 800/424-9300

SECTION I

PRODUCT NAME & SYNONYMS GLASGRIP 758	CHEMICAL FAMILY Polymer	HMIS RATINGS Health 2 Flammability 3 Reactivity 1
PRODUCT USE Specialty Contact Spray Adhesive	FORMULA Mixture	

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	ACGIH (ppm) TLV	OSHA (ppm) TWA
Acetone	67-64-1	750	1000
Hexane	110-54-3	50	50
Mineral Spirits	64741-85-7	100	100
Isobutane/Propane	68-476-86-8	50	Unknown
		1000	

Hazardous Components=1% or greater; Carcinogens= 0.1% or greater

SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY 0.6 - 0.8 (concentrate only)	BOILING POINT Not established	MAXIMUM VOC <200 grams/Liter	VAPOR DENSITY (Air = 1) Heavier than air
pH Not Applicable	FREEZING POINT Not established	SOLUBILITY IN WATER Negligible	EVAPORATION RATE >1
PHYSICAL STATE Liquid	VAPOR PRESSURE 70 PSIG @ 70 deg F		

ODOR & APPEARANCE

Clear, organic solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY Flammable per flame projection test (16CFR1500.45)	IF YES, UNDER WHAT CONDITIONS		
FLASHPOINT -4 deg F	AUTOIGNITION TEMPERATURE Not Available	LOWER FLAMMABLE LIMIT Not Available	UPPER FLAMMABLE LIMIT Not Available

HAZARDOUS COMBUSTION PRODUCTS

Carbon Monoxide, Carbon Dioxide, arious Hydrocarbons

EXTINGUISHING MEDIA

Dry chemical, Carbon dioxide

SPECIAL FIREFIGHTING PROCEDURES

Keep container cool. Use equipment or shielding as required to protect personal against bursting, rupturing, or venting of containers. Firefighters should wear normal self-contained breathing apparatus, especially in enclosed area.

UNUSUAL FIRE & EXPLOSION HAZARDS

At elevated temperatures (over 130 deg F), containers may vent, rupture or burst releasing flammable vapors.

SECTION V - REACTIVITY DATA

This product is chemically stable. Hazardous polymerization will not occur.	CONDITIONS TO AVOID High heat, sparks, open flames, and other ignition sources.
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INCOMPATIBILITY

Strong oxidizing agents

DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide, arious Hydrocarbons

SECTION VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Primary Routes of Entry: Inhalation and skin

Liquid is irritating to eye and skin. Prolonged exposure to skin can cause burning sensation. Breathing vapors may cause lightheadedness, dizziness, headache and nausea, in extreme cases unconsciousness and death.

Medical Conditions Aggravated by Exposure: Existing eye, skin or upper respiratory conditions.

EXPOSURE LIMITS OSHA TWA (Hexane) = 50 ppm OSHA TWA(Acetone) =1000 ppm	SENSITIZATION TO PRODUCT Eye, nose, & throat irritation @ or above of 50 ppm	IRRITANCY OF PRODUCT May cause skin sensitization in some people.	SYNERGISTIC PRODUCTS None known
CARCINOGENICITY None known	MUTAGENICITY & TUMORIGENICITY Not available	REPRODUCTIVE TOXICITY Not available	TERATOGENICITY No evidence

SECTION VII - PREVENTIVE MEASURES

EYE PROTECTION Chemical splash goggles in compliance with OSHA.	GLOVES Impervious gloves recommended.
RESPIRATOR NIOSH approved respirator if ventilation is inadequate.	FOOTWEAR Industrial shoes to protect feet from contact with adhesive
OTHER Long sleeves, long trousers to protect skin from contact with adhesive	
ENGINEERING CONTROLS Use in a well ventilated area. Avoid breathing vapors. Use a NIOSH approved respirator or self contained apparatus if ventilation is inadequate. Maintain ventilation exposure below PEL.	
LEAK OR SPILL PROCEDURE Remove all sources of ignition. Ventilate spill area to allow solvents to evaporate and collect in suitable containers for disposal. Use appropriate personal protective equipment.	
WASTE DISPOSAL Dispose of in accordance with all local, state, and federal regulations. Do not puncture or incinerate containers. Give to a disposal service equipped to handle containers.	
HANDLING PROCEDURES & EQUIPMENT Keep out of reach of children. Launder contaminated clothing. Wash with soap and water after use, especially before eating or drinking.	
STORAGE REQUIREMENTS Store containers in cool, dry area. Do not puncture or incinerate containers.	
SPECIAL SHIPPING INFORMATION Adhesives 3 UN 1133 PG III (Flammable)	

SECTION VIII - FIRST AID MEASURES

EYE CONTACT Immediately flush with large amounts of running water for at least 15 minutes. Get medical attention.
SKIN CONTACT Remove contaminated clothing and immediately wash skin with soap and running water. Do not rub. If irritation persists, contact a physician.
INHALATION Remove to fresh air. Provide oxygen if breathing is difficult. If necessary, give artificial respiration. If symptoms persist, seek medical attention.
INGESTION Do not induce vomiting. Get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

SECTION IX - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of SARA 313 of the Emergency Planning & Community Right-to-Know Act of 1986 & of 40CFR 372:

	CAS #
Hexane	110-54-3
FL, MA, PA, MN, WA	CAS #
Acetone	67-64-1
Hexane	110-54-3
CANADA: WHMIS	
Hexane	110-54-4

SECTION X - PREPARATION INFORMATION

PREPARED BY R & D Group	DATE 6 June 2002	REVISION # #1	SUPERSEDES ALL PREVIOUS PUBLICATIONS
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NOTICE

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