

## Safety Data Sheet

Material Name: Cav-Grip

SDS 10-2620

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

Cav-Grip

**Synonyms**

Solvent-based Adhesive

**Chemical Family**

Spray Adhesive

**Product Use**

Solvent based Adhesive

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Carlisle Coatings and Waterproofing, Inc.  
900 Hensley Lane  
Wylie, TX 75098  
www.carlisleccw.com

**Phone Numbers:**

Medical Emergency  
CHEMTREC (USA): 800-424-9300

MSDS Assistance; 972-442-6545  
Technical Assistance: 888-229-2199  
Customer Service: 888-229-0199

**Supplier Information:**

Mule-Hide Products Co., Inc.  
1195 Prince Hall Drive  
Beloit, WI 53511  
(800) 786-1492

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### Section 2 - HAZARDS IDENTIFICATION

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**OSHA Regulatory Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Hazard Classification:** Flammable aerosol  
Skin Irritation, Category 3

**GHS Label Elements****Symbol(s)****Signal Word**

Danger

Flammable aerosol. Irritant by inhalation, ingestion, skin contact, and eye contact.

**Hazard Statement(s)**

Flammable aerosol



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Contains gas under pressure; may explode if heated  
Causes skin irritation  
Causes eye irritation  
May cause respiratory irritation  
May cause drowsiness or dizziness

### Precautionary Statement(s)

#### Prevention

Keep away from heat/sparks/open flames/hot surfaces – no smoking.  
Pressurized container: Do not pierce or burn, even after use  
Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed  
Use personal protective equipment as required.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.  
IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice or attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### Potential Health Effects

**Principal Routes of Exposure:** Inhalation, skin absorption, eye contact

### Acute Effects

#### Eyes

Contact with eyes may cause irritation. Direct contact with liquid or vapors may cause stinging, tearing, redness, swelling, and eye damage.

#### Skin

May cause skin irritation and /or dermatitis. Prolonged or repeated contact or exposure to vapors may cause redness, burning, and drying and cracking of the skin.

#### Inhalation

Breathing high concentrations of vapors may cause irritation of the nose and throat or signs of nervous system depression (i.e. – headache, nausea, drowsiness, dizziness, vomiting, loss of coordination and fatigue).

#### Ingestion

Ingestion may cause irritation of the digestive tract, nausea, vomiting, and signs of nervous system depression.

### Chronic Effects

Avoid repeated exposure. May cause blood damage. Repeated contact may cause allergic reactions in very susceptible persons.

### Aggravated Medical Conditions

Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure to this product.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent
79-20-9	Methyl acetate	35-60

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110-54-3	Hexane	12-25
124-38-9	CARBON DIOXIDE	1-7
115-10-6	DIMETHYL ETHER	1-7

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### Section 4 - FIRST AID MEASURES

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#### General Advice

Show this safety data sheet to the doctor in attendance

#### Inhalation

Move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get immediate medical attention.

#### Skin

Wash exposed skin with soap and water. Remove contaminated clothing and wash it before reuse. If skin irritation occurs, get medical advice/attention.

#### Eyes

Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention.

#### Ingestion

Do NOT induce vomiting. If swallowed, get medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.

#### Note to Physicians

Treat symptomatically

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### Section 5 - FIRE FIGHTING MEASURES

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#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemicals, foam. Water may be helpful in keeping adjacent containers cool; avoid spreading the liquid with water used for cooling. Water-based sprinkler systems may help contain larger fires.

##### Special Hazards Arising from the Chemical

Closed containers may rupture if exposed to fire or extreme heat. May produce toxic fumes if burning.

##### Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8. Remove all sources of ignition.

**Methods and Materials for Containment and Cleaning Up**

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

### Section 7 - HANDLING AND STORAGE

**Precautions for Safe Handling**

Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

**Conditions for Safe Storage, Including any Incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from extremes of heat or cold. Keep in properly labeled containers.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits**

<b>Methyl acetate</b>	75-20-9
ACGIH TLV:	250
OSHA PEL:	Not established
<b>Hexane</b>	110-54-3
ACGIH TLV:	50
OSHA PEL:	500
<b>CARBON DIOXIDE</b>	124-38-9
ACGIH TLV:	30000
OSHA PEL:	5000

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<b>DIMETHYL ETHER</b>	115-10-6
OSHA PEL:	Not Established
ACGIH TLV:	1000

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

**Individual Protection Measures, such as Personal Protective Equipment**
**Eye/face protection**

Wear safety glasses or safety goggles, or full faceshield.

**Skin Protection**

Protective gloves and impervious clothing.

**Respiratory Protection**

In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions.

**Hygiene Practices**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Not available	<b>pH</b>	Not available
<b>Odor</b>	Not available	<b>Boiling Point</b>	-320.00°F [-196°C]
<b>Odor Threshold</b>	Not available	<b>Evaporation Rate</b>	Faster than nBuAc
<b>Autoignition</b>	Not data	<b>Flammability (solid, gas)</b>	Not data
<b>Bulk Density (lb/gal)</b>	7.34	<b>Flash Point</b>	-42.00°F [-41°C]
<b>Vapor Density (air=1)</b>	Heavier than air	<b>Decomposition</b>	Not data
<b>Water Solubility</b>	Insoluble	<b>Vapor Pressure</b>	Not available
<b>Viscosity</b>	Not available	<b>Specific Gravity (water=1)</b>	0.881
<b>VOC</b>	~60 g/L (water excluded) ~30 g/L	<b>Non-Volatile (wt%)</b>	33.92
<b>Upper Flammability Limit</b>	12.9	<b>Lower Flammability Limit</b>	2.45

**Other Information**

No additional information available.

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### Section 10 - STABILITY AND REACTIVITY

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#### **Chemical Stability**

Stable under normal conditions of use. Hazardous polymerization does not occur.

#### **Possibility of Hazardous Reactions**

None under normal conditions of use.

#### **Conditions to Avoid**

Keep away from open flames, hot surfaces, static electricity and sources of ignition. Avoid extremes of heat or cold.

#### **Incompatible Materials**

Strong acids, strong bases, strong oxidizing agents, alkali metals, halogens

#### **Hazardous decomposition products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide, smoke, and other unidentified organic compounds may be formed during combustion.

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### Section 11 - TOXICOLOGICAL INFORMATION

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#### **Information on Likely Routes of Exposure**

Inhalation, skin absorption, eye contact

#### **Acute and Chronic Toxicity**

No data

#### **Irritation/Corrosivity Data**

No data

#### **Sensitization**

No data

#### **Corrosivity**

No data

#### **Mutagenicity**

No data

#### **Reproductive Toxicity**

No data

#### **Specific Target Organ Toxicity - Single Exposure**

No data

#### **Specific Target Organ Toxicity - Repeated Exposure**

No data

#### **Aspiration hazard**

No data

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### Section 12 - ECOLOGICAL INFORMATION

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#### **Aquatic Toxicity**

Acute and prolonged Toxicity to Fish: No data  
Acute Toxicity to Aquatic Invertebrates: No data  
Environmental Fate and Pathways: No data

#### **Persistence and Degradability**

No data.

#### **Bioaccumulative Potential**

No data

#### **Mobility in soil**

No data

#### **Other adverse effects**

No data

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### Section 13 - DISPOSAL CONSIDERATIONS

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#### **Disposal Methods**

Dispose of in accordance with all applicable local, state, and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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### Section 14 - TRANSPORT INFORMATION

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#### **US DOT Information:**

**Proper shipping name:** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER, NITROGEN)

**Hazard Class:** 2.1

**UN#:** UN3501

**ICAO/IATA:** Contact the preparer for further information.

**IMDG/MO Information:** Contact the preparer for further information.

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### Section 15 - REGULATORY INFORMATION

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**US TSCA:** Yes – All components are listed or exempt

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**Material Name: Cav-Grip****U.S. Federal Regulations**

SARA Section 313 : Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Designation	Cas No.	% Weight
Hexane	110-54-3	12-25

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)**

Chemical Designation	Cas No.	% Weight
Hexane	110-54-3	12-25

**State Regulations****California Proposition 65**

This product contains the following substance(s) known to the state of California to cause cancer or reproductive harm:None listed

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**Section 16 - OTHER INFORMATION**

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**NFPA Ratings**

Health: 2 Fire: 3 Reactivity: 0 B

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Summary of Changes**

New SDS: May 21, 2015

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund





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Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### **Other Information**

#### **Disclaimer:**

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.