

---

**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

---

**Material Name:** CAV-GRIP PVC**Product Use:** Adhesive**Manufacturer Information**

Carlisle SynTec Systems  
1285 Ritner Highway  
Carlisle, PA 17013  
USA  
Phone: +1-800-479-6832  
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

---

**Section 2 - HAZARDS IDENTIFICATION**

---

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Skin Irritation: Category 3  
Eye Damage: Category 2A  
Specific Target Organ Toxicity - Single Exposure: Category 3  
Extremely Flammable Aerosol: Category 1

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

Danger

**Hazard Statement(s)**

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

**Precautionary Statement(s)**

Avoid breathing vapors. Use in a well-ventilated area.  
IF INHALED: Call a doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing.  
IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash skin with plenty of water. If skin irritation occurs: Get medical attention.

**POTENTIAL HEALTH EFFECTS****Principal Routes of Exposure**

Inhalation, skin absorption, eye contact

## Safety Data Sheet

Material Name: CAV-GRIP PVC

Product #: 335178

### Acute Effects

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

**INHALATION:** May cause skin irritation and/or dermatitis. Prolonged or repeated contact or exposure to vapors may cause redness, burning, and drying and cracking of skin. Breathing high concentrations of vapors may cause irritation of the nose and throat or signs of nervous system depression (e.g., 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.

---

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

---

CAS	Component Name	Percent
67-64-1	Acetone	50 – 75
115-10-6	Dimethyl ether	12 – 25
78-93-3	Methyl ethyl ketone	1 – 7

Any remaining ingredients (to comprise 100% of the product) should be considered a proprietary blend of non-hazardous substances, or materials below threshold reporting limits.

---

## Section 4 - FIRST AID MEASURES

---

**GENERAL ADVICE:** Show this safety Data sheet to the doctor in attendance.

**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.

**SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash affected areas thoroughly with mild soap. If skin irritation persists, get immediate medical attention.

**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.

**INGESTION:** Do not induce vomiting – seek immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## Safety Data Sheet

Material Name: CAV-GRIP PVC

Product #: 335178

---

### Section 5 - FIRE FIGHTING MEASURES

---

#### 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 Protective Equipment:** Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### Specific Hazards arising from the Chemical

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

---

### Section 6 - ACCIDENTAL RELEASE MEASURES

---

#### Personal Precautions

Use personal protective equipment. Remove all sources of ignition.

#### 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.

#### Methods for Clean-up

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

#### Other Information

None known.

---

### Section 7 - HANDLING AND STORAGE

---

#### 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.

#### Storage

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

---

Note: Any items listed in the above with workplace control parameters which are not listed in section 3 are below threshold reporting values.

REL – Recommended Exposure Limits

## Safety Data Sheet

**Material Name: CAV-GRIP PVC**

**Product #: 335178**

TLV – Threshold Limit Value

### Exposure Limits

Components with workplace control parameters:

Hazardous Components	OSHA PEL	ACGIH TLV
Acetone	1000	250
Dimethyl ether	Not established	1000
Methyl ethyl ketone	200	200

### Engineering Controls

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

#### Eye/face protection

Safety goggles or glasses, or full face shield.

#### Skin Protection

Protective gloves and impervious clothing. Consult the glove/clothing manufacturer for proper selection of materials.

#### 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>	Orange liquid	<b>Upper Flammability/ Explosive Limit</b>	13.40
<b>Oxidizing Properties</b>	No Data Available	<b>Lower Flammability/ Explosive Limit</b>	2.67
<b>Odor</b>	Solvent odor	<b>Vapor Pressure mm Hg</b>	Not available
<b>Odor Threshold</b>	No Data Available	<b>Vapor Density</b>	Heavier than air
<b>pH Value</b>	No Data Available	<b>Bulk Density (lb/gal)</b>	6.76
<b>Melting Point / Freezing Point</b>	No Data Available	<b>VOC Content (g/L)</b>	105
<b>Boiling Point</b>	-13.0 °F [-25.0 °C]	<b>VOC Less Water &amp; Exempts (g/L)</b>	206

## Safety Data Sheet

Material Name: CAV-GRIP PVC

Product #: 335178

<b>Non-Volatile (wt%)</b>	17.45	<b>Specific Gravity (g/l)</b>	0.812
<b>Flash Point</b>	-42.0 °F [-41.1 °C]	<b>Auto-ignition Temperature</b>	No Data Available
<b>Explosive Properties</b>	No Data Available	<b>Decomposition Temperature</b>	No Data Available
<b>Evaporation Rate</b>	Faster than nBuAc	<b>Partition Coefficient</b>	No Data Available
<b>Flammability (solids)</b>	No data available	<b>Viscosity</b>	No Data Available
<b>Solubility in Water</b>	Insoluble		

---

### Section 10 - STABILITY AND REACTIVITY

---

#### Chemical Stability

Stable under normal conditions. 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.

#### Materials to Avoid

Incompatible with strong acids and bases, alkali metals, halogens, and strong oxidizing agents.

#### 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.

---

### Section 11 - TOXICOLOGICAL INFORMATION

---

#### Numerical Measures of Toxicity for Individual Components

##### Likely Routes of Exposure

Inhalation, skin absorption, eye contact.

##### Acute Toxicity

Oral: No data

Skin: No data

Inhalation: No data

##### Sensitization

Respiratory: No data

Skin: No data

##### Irritation

Skin: Category 3



# Safety Data Sheet

Material Name: CAV-GRIP PVC

Product #: 335178

**Mutagenicity**

No data

**Reproductive Toxicity**

No data

**Aspiration Hazards**

No data

**Specific Target Organ Toxicity – Single Exposure**

Category 3

**Specific Target Organ Toxicity – Repeated Exposure**

No data

**Chronic Toxicity / Carcinogenicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen. If no ingredients are listed below, then there are no known classifications.

Component	IARC	NTP	OSHA
-----------	------	-----	------

**Section 12 - ECOLOGICAL INFORMATION**

The information and data for components are listed individually for areas of ecological consideration below.

<b>Aquatic Toxicity:</b>	Acute and prolonged Toxicity to Fish:	No Data Available
	Acute Toxicity to Aquatic Invertebrates:	No Data Available
	Environmental Fate and Pathways:	No Data Available

<b>Persistence and Degradability:</b>	No Data Available
<b>Mobility in Soil:</b>	No Data Available
<b>Bioaccumulative Potential:</b>	No Data Available
<b>Other Adverse Effects:</b>	No Data Available

**Section 13 - DISPOSAL CONSIDERATIONS**

**Waste 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.

**Section 14 - TRANSPORT INFORMATION**

The shipping classification in this section is meant as a guide to overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under 49 CFR, IATA and IMDG to assure regulatory compliance.

**US DOT Information:**

## Safety Data Sheet

**Material Name:** CAV-GRIP PVC

**Product #:** 335178

**Shipping Name:** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

**Technical Name:** (DIMETHYL ETHER, ACETONE)

**Hazard Class:** 2.1

**UN/NA #:** UN3501

**Placards:**



**ICAO / IATA:** No Data Available

**IMDG / IMO:** No Data Available

---

### Section 15 - REGULATORY INFORMATION

---

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

**Canada DSL:** Yes – All components are listed or exempt.

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

#### SARA 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 %
----------------------	---------	----------

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

Chemical Designation	Cas No.	Weight %
----------------------	---------	----------

#### State Regulations

##### California Proposition 65

This product contains the following substance(s) known to the state of California to cause cancer and/or reproductive harm. Unless chemical names are listed below, these chemicals are present only in trace amounts. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	CAS Number
---------------	------------

---

### Section 16 - OTHER INFORMATION

---

#### NFPA Rating

Health: 1 Fire: 3 Reactivity: 0 Personal Protection B

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard



## Safety Data Sheet

**Material Name: CAV-GRIP PVC**

**Product #: 335178**

### Summary of Changes

New SDS: May 26, 2020

### 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 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. 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.