

Section 1 – IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

Product Name: ClickSeal

Product Code: CK48104

End Use: Clear Paintable Floor Sealant

COMPANY NAME: Cal-Flor Accessory Systems

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Section 2 - HAZARDS IDENTIFICATION

HMIS Rating

Health: 2, Fire: 3, Reactivity: 0

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



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

Flammable Liquids - Category 2

Aspiration Hazard - Category 1

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Specific Target Organ Toxicity - Single Exposure - Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 2

Hazardous to the Aquatic Environment - Acute - Category 2

Hazardous to the Aquatic Environment - Chronic - Category 2

GHS Label Elements

Signal Word: Danger

Hazard Statement(s): Highly flammable liquid and vapor. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

Section 3 - COMPOSITION

CAS	Component Name	Percent	Classification (GHS-US)
142-82-5	n-Heptane	> 55	Flammable liquids (Category 2), H225 Skin irritation (Category 2), H315 Specific target organ toxicity – single exposure (Category 3), Central nervous system, H336 Aspiration hazard (Category 1), H400 Chronic aquatic toxicity (Category 2), H410
66070-58-4	Hydrocarbon waxes	> 28	Not classified
67-64-1	Acetone	> 15	Flammable liquids (Category 2), H225 Skin irritation (Category 2A), H319 Specific target organ toxicity – single exposure (Category 3), Central nervous system, H336

Section 4 - FIRST AID MEASURES

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention.

SKIN CONTACT (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse.

INHALATION: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, foam or carbon dioxide, water.

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Do not scatter spilled material with high-pressure water streams. In case of fire and/or explosion, do not breathe fumes. Stay upwind and keep out of low areas.

Use standard protective clothing for fire fighters, including respiratory protection.

Section 6 - ACCIDENTAL RELEASE MEASURES

Note: the following is written for large or bulk quantities. This product is only available in small, consumer quantity amounts and packaging and the following may not apply to all users.

Personal Precautions, Protective Equipment and Emergency Procedures:

Keep unnecessary people away, isolate hazard area and deny entry. Do not breath gas/vapor/spray.

Avoid contact with skin and eyes. Vapors may cause drowsiness and dizziness. Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources if safe to do so. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind and keep out of low areas. Ventilate closed spaces before entering. Stop leak if possible without personal risk. Reduce vapors with water spray. Ground any equipment used in handling. Do not touch or walk through spilled material. Absorb with earth, sand or other non-combustible material and transfer to container. Use only non-sparking tools. Large spills: Dike for later disposal.

Environmental Precautions

Prevent entry into waterways, sewers, basements, or confined areas. Avoid release to the environment. Collect spillage.

Section 7 - HANDLING AND STORAGE

Storage: Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations

Precautions for Safe Handling

Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid heat, flames, sparks and other sources of ignition. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Incompatible Materials

acids, bases, amines, oxidizing materials.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

CAS #

n-Heptane	142-82-5
ACGIH	400 ppm TWA, 500 ppm STEL
NIOSH	85 ppm TWA; 350 mg/m ³ TWA, 440 ppm Ceiling 15 min; 1800 mg/m ³ Ceiling 15 min, 750 ppm IDLH
Europe	500 ppm TWA; 2085 mg/m ³ TWA
OSHA (US)	500 ppm TWA; 2000 mg/m ³ TWA
Mexico	400 ppm TWA LMPE-PPT; 1600 mg/m ³ TWA LMPE-PPT, 500 ppm STEL [LMPE-CT]; 2000 mg/m ³ STEL [LMPE-CT] Skin - potential for cutaneous absorption
Hydrocarbon waxes	66070-58-4
OSHA (US)	No Occupational Exposure Limit(s) (OEL's) are established. Nuisance Dust, if generated: OSHA TWA (8 hours) 10 mg/m ³
Acetone	67-64-1
ACGIH	500 ppm TWA, 500 ppm STEL
OSHA (US)	1,000 ppm TWA, 1,000 ppm STEL

Biological limit value

There are no biological limit values for any of this product's components.

Personal Protective Equipment: Protective clothing. Safety glasses. Gloves. Insufficient ventilation: wear respiratory protection.

Materials for Protective Clothing: Chemically resistant materials and fabrics. Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Other Information: When using, do not eat, drink or smoke.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear viscous gel
Boiling Point:	90 °C
Melting Point:	N/A
Vapor Pressure:	N/A
Specific Gravity:	0.71
Flash Point:	-4°C Closed Cup
Explosion Data:	N/A
Solubility in water:	Almost insoluble
pH:	N/A
Relative Vapor Density:	> 1.00
Viscosity:	N/A
Autoignition Temperature:	N/A
Odor:	Faint aliphatic solvent odor
Form:	Viscous liquid

Section 10 – STABILITY AND REACTIVITY

Reactivity: No Hazard expected.

Chemical Stability: Stable under normal conditions of use.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid heat, flames, sparks, and other sources of ignition. Containers may rupture or explode if exposed to heat.

Incompatible Materials: Acids. Bases, amines, oxidizing materials.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological effects

n-Heptane (142-82-5)

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Aspiration hazard. May be fatal if swallowed.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published: n-Heptane (142-82-5) Oral LD50 Mouse 5000 mg/kg Dermal LD50 Rabbit 3000 mg/kg Inhalation LC50 Rat 103 g/m³ 4 h

Immediate Effects: May cause respiratory irritation, skin irritation, eye irritation. May be fatal if swallowed.

Delayed Effects: May cause damage to organs through prolonged or repeated exposure.

Irritation/Corrosivity Data: Causes skin irritation. May cause eye irritation. May cause respiratory irritation.

Respiratory Sensitization: No information available for the product.

Dermal Sensitization: No information available for the product.

Component Carcinogenicity: None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity: No information available for the product.

Tumorigenic Data: No data available

Reproductive Toxicity: No information available for the product.

Specific Target Organ Toxicity: Single Exposure: Respiratory system

Specific Target Organ Toxicity: Repeated Exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: May be fatal if swallowed.

Medical Conditions Aggravated by Exposure: No data available.

Information on toxicological effects

Acetone (67-64-1)

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Aspiration hazard. May be fatal if swallowed.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published: LD50 Oral - Rat - 5,800 mg/kg

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

LC50 Inhalation - Rat - 8 h - 50,100 mg/m³

Immediate Effects: May cause respiratory irritation, skin irritation, eye irritation. May be fatal if swallowed.

Delayed Effects: May cause damage to organs through prolonged or repeated exposure.

Irritation/Corrosivity Data: Causes skin irritation. May cause eye irritation. May cause respiratory irritation.

Respiratory Sensitization: No information available for the product.

Dermal Sensitization: No information available for the product.

Component Carcinogenicity: None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity: No information available for the product.

Tumorigenic Data: No data available

Reproductive Toxicity: No information available for the product.

Specific Target Organ Toxicity: Single Exposure: Respiratory system

Specific Target Organ Toxicity: Repeated Exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: May be fatal if swallowed.

Medical Conditions Aggravated by Exposure: No data available.

Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity

Fish: LC50 96 h Cichlid fish 375 mg/L; LC50 96 h *Oncorhynchus mykiss* (rainbow trout) 5,540 mg/l

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable regulations. Dried material can be disposed of in landfill.

Section 14 – TRANSPORT INFORMATION

Component	CAS#	Minimum Concentration
n-Heptane	142-82-5	DOT regulated (related to Heptane isomers)
US DOT Information:		
Shipping Name: HEPTANES Hazard Class: 3 UN/NA #: UN1133 Packing Group: II Required Label(s): 3. Marine pollutant: Yes		
IATA Information:		
Shipping Name: HEPTANES Hazard Class: 3 UN#: UN1133 Packing Group: I Required Label(s): 3		
IMDG Information:		
Shipping Name: HEPTANES Hazard Class: 3 UN#: UN1133 Packing Group: II. Marine pollutant: Yes		
TDG Information:		
Shipping Name: HEPTANES Hazard Class: 3 UN#: UN1133 Packing Group: I		
Acetone	67-64-1	DOT
US DOT Information:		
Shipping Name : ACETONE Hazard Class: 3 UN/NA #: UN1090 Packing Group: II		
IATA Information:		
Shipping Name: ACETONE Hazard Class: 3 UN#: UN1090 Packing Group: II		
Hydrocarbon waxes	66070-58-4	DOT
US DOT Information:		
Not regulated for transport		

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

n-Heptane 142-82-5
 Acetone 67-64-1

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
n-Heptane	142-82-5	Yes	Yes	Yes	Yes	Yes
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes

Not listed under California Proposition 65

Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals, which must be identified on SDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL.

Section 16 – OTHER INFORMATION:

Notice

The information and recommendations set forth herein are believed to be true and accurate. Because some of the information is derived from information provided from suppliers, and because Cal-Flor makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for you information and consideration, and Cal-Flor assumes no responsibility from use or reliance thereon. It is the responsibility of the user of Cal-Flor products to comply with all applicable federal, state and local laws and regulations.

Disclaimer

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--End of Safety Data Sheet--