

[Return to MSDS List](#) , First MSDS in list. , Last MSDS in list.

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. Product and Company Identification HORSESHOER'S SECRET HOOF SEALANT

**Product Code:** F-HS SEALANT  
**Product Name:** HORSESHOER'S SECRET HOOF SEALANT  
**Manufacturer Information**  
**Company Name:** Distributed by:  
 Farnam Companies, Inc.  
 301 West Osborn Road  
 Phoenix, AZ  
**Emergency Contact:** CHEMTREC (800)424-9300  
**Alternate Emergency Contact:** District of Columbia (202)483-0414  
**Information:** Farnam Companies, Inc. (800)234-2269  
**Preparer Name:** Sherry Faith  
**Additional Identity Information**  
 7.5-oz 3005571

## SECTION 2. Composition/Information on Ingredients HORSESHOER'S SECRET HOOF SEALANT

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA TWA	ACGIH TWA	Other Limits
Acetone	67-64-1	>50.0 %	1000 ppm	500 ppm	No data.
2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	28262-63-7	>10.0 %	None ppm	None ppm	No data.
Hazardous Components (Chemical Name)	CAS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
Acetone	67-64-1	No data.	No data.	750 ppm	No data.
2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	28262-63-7	None ppm	No data.	None ppm	No data.

## SECTION 3. Hazards Identification HORSESHOER'S SECRET HOOF SEALANT

### Emergency Overview

May be severely irritating to eyes. May be mildly irritating to skin. High vapor concentrations may cause central nervous system (CNS) depression. Ingestion may produce CNS depression.

**Route(s) of Entry:** Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes

**Potential Health Effects (Acute and Chronic)**

No data available.

**Signs and Symptoms Of Exposure**

Irritation as noted above. Early moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur.

**SECTION 4. First Aid Measures**  
**HORSESHOER'S SECRET HOOF SEALANT**

**Emergency and First Aid Procedures**

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

**SKIN CONTACT:** Flush skin with water. If irritation occurs get medical attention.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

**INGESTION:** Do not give liquids to victim if unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by giving 30cc (2 Tablespoons) of Syrup of Ipecac. If Ipecac is unavailable give 2 glasses of water and induce vomiting by touching finger to the back of the victim's throat. Keep victim's head below hips while vomiting. If victim is a child, give no more than 1 glass of water and 15cc (1 Tablespoon) Syrup of Ipecac. Get medical attention.

**Note to Physician**

If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal.

**SECTION 5. Fire Fighting Measures**  
**HORSESHOER'S SECRET HOOF SEALANT**

**Flammability Classification:** Class 3 (Flammable Liquids) II

**Flash Pt:** -4.00 F Method Used: TAG Closed Cup

**Explosive Limits:** LEL: 2.6 UEL: 12.8

**Fire Fighting Instructions**

**DANGER - EXTREMELY FLAMMABLE**

Clear fire area of unprotected personnel and isolate. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire-exposed containers with water.

**Flammable Properties and Hazards**

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water to prevent weakening of container structure.

**Extinguishing Media**

Water, fog, "alcohol" foam, dry chemical or CO<sub>2</sub>.

**Unsuitable Extinguishing Media**

No data available.

## SECTION 6. Accidental Release Measures HORSESHOER'S SECRET HOOF SEALANT

### Steps To Be Taken In Case Material Is Released Or Spilled

DANGER! Extremely flammable. Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking.

**\*\*LARGE SPILLS\*\*** Isolate hazard area and deny entry to unnecessary personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. Water fog may be useful in suppressing vapor cloud; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solution as above.

**\*\*SMALL SPILL\*\*** Take up with an absorbent material and place in non-leaking containers; seal.

## SECTION 7. Handling and Storage HORSESHOER'S SECRET HOOF SEALANT

### Precautions To Be Taken in Handling

Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site; flash-fire can result. Use with adequate ventilation. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize drum containers to empty them.

### Precautions To Be Taken in Storing

Keep liquid and vapor away from heat, sparks and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flame. Keep containers closed when not in use.

### Other Precautions

Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and transfer containers and equipment.

## SECTION 8. Exposure Controls/Personal Protection HORSESHOER'S SECRET HOOF SEALANT

### Respiratory Equipment (Specify Type)

Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits (see Section 2), use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

### Eye Protection

Wear chemical goggles if there is likelihood of contact with eyes.

### Protective Gloves

No data available.

### Other Protective Clothing

Avoid prolonged or repeated contact with skin. Wear gloves and other clothing as required to minimize contact.

### Engineering Controls (Ventilation etc.)

Use explosion-proof ventilation as required to control vapor concentrations. Air dry contaminated clothing in a well-ventilated area, then launder before reusing.

**SECTION 9. Physical and Chemical Properties**  
**HORSESHOER'S SECRET HOOF SEALANT**

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Melting Point:</b>	-139.00 F
<b>Boiling Point:</b>	133.00 F
<b>Autoignition Pt:</b>	No data.
<b>Flash Pt:</b>	-4.00 F Method Used: TAG Closed Cup
<b>Explosive Limits:</b>	LEL: 2.6 UEL: 12.8
<b>Specific Gravity (Water = 1):</b>	0.79 @ 60 C
<b>Bulk density:</b>	No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	185.5 @ 60 F
<b>Vapor Density (vs. Air = 1):</b>	2.0 AIR=1
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	5.6
<b>Solubility in Water:</b>	Soluble
<b>Percent Volatile:</b>	No data.
<b>Heat Value:</b>	No data.
<b>Particle Size:</b>	No data.
<b>Corrosion Rate:</b>	No data.
<b>pH:</b>	No data.
<b>Appearance and Odor</b>	
	Clear with acetone odor

**SECTION 10. Stability and Reactivity**  
**HORSESHOER'S SECRET HOOF SEALANT**

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability</b>	
	Avoid heat, sparks, flame and contact with strong oxidizing agents. Prevent vapor accumulation.
<b>Incompatibility - Materials To Avoid</b>	
	No data available.
<b>Hazardous Decomposition Or Byproducts</b>	
	Carbon monoxide and unidentified organic compounds may be formed during combustion.
<b>Hazardous Polymerization:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Polymerization</b>	
	No data available.

**SECTION 11. Toxicological Information**  
**HORSESHOER'S SECRET HOOF SEALANT**

**EYE CONTACT:** Liquid is severely irritating to the eyes. High vapor concentrations are also irritating.  
**SKIN CONTACT:** Liquid is mildly irritating to the skin. Prolonged or repeated liquid contact can result in defatting and drying of skin, which may result in skin irritation and dermatitis.  
**INHALATION:** High vapor concentrations may produce central nervous system (CNS) depression.

INGESTION: May produce CNS depression.

### Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
Acetone	67-64-1	n.a.	n.a.	A4	n.a.
2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	28262-63-7	n.a.	n.a.	n.a.	n.a.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### Additional Toxicological Information

Acute Oral: 9.75 g/kg (Rat) Acute Dermal: 20.0 g/kg (Rabbit) Acute Inhalation: 16,000 PPM/4H (Rat)

## SECTION 12. Ecological Information HORSESHOER'S SECRET HOOF SEALANT

Acetone is listed on the EPA/TSCA Inventory of Chemical Substances. EPA - Comprehensive Environmental Response, Compensation and Liability Act. Under EPA-CERCLA (Superfund) releases to air, land or water that exceed the reportable quantity must be reported to the National Response Center, 800-424-8802.

The reportable quantity for this product is 5,000 LBS.

## SECTION 13. Disposal Considerations HORSESHOER'S SECRET HOOF SEALANT

### Waste Disposal Method

Please refer to Sections 6 and 16 for important disposal information.

**RCRA Waste ID Code:** D001

## SECTION 14. Transport Information HORSESHOER'S SECRET HOOF SEALANT

### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name** Consumer Commodity

**DOT Hazard Class:** ORM-D

**DOT Hazard Label:** None

### MARINE TRANSPORT (IMDG/IMO)

**IMDG/IMO Proper** ACETONE SOLUTIONS, 3, PG II LTD subject to IMDG 3.4.7 LTD

**Shipping Name** QTY MARKING EXEMPTIONS

### Additional Transport Information

Consumer Commodity applies if less than or equal to 1 Liter.

## SECTION 15. Regulatory Information HORSESHOER'S SECRET HOOF SEALANT

No data available.

**SECTION 16. Other Information**  
**HORSESHOER'S SECRET HOOF SEALANT**

Under EPA - RCRA (40 CFR 261.33), if this product becomes a waste material, it would be hazardous waste (Hazardous Waste No. U002).

Under EPA - RCRA (40 CFR 261.21), if this product becomes a waste material, it would be an ignitable waste material (Hazardous Waste No. D001). Refer to latest EPA or state regulations regarding proper disposal.

**Company Policy or Disclaimer**

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.

<p>Flammability: 3  Health: 1  Instability: 2  Special Hazard: 0</p>	<p>Minimal: 0  Slight: 1  Moderate: 2  Serious: 3  Extreme: 4</p>	<p><b>Generated</b> 04/09/2010  <b>Revision</b> 04/08/2010  <b>Supercedes Revision</b> 01/27/2009  <b>Date Created</b> 07/13/2005</p>
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