

SAFETY DATA SHEET

1 of 7

Full Timer's Choice Slide Out Lube

Section 1- Chemical Product and Company Identification

Product Name: Full Timer's Choice Slide Out Lube

Supplier: Camco Manufacturing, Inc.
121 Landmark Drive
Greensboro, NC 27409
1-800-334-2004

Product Use: Cleaner

Product Code: 41105 and 41106

Date of Preparation/Revision: July 2, 2013

In case of Emergency: 1-800-535-5053

Section 2- Hazards identification

Physical State: Aerosol Liquid. [LIQUEFIED COMPRESS GAS WITH YELLOW LIQUID ALIPHATIC ODOR.]

Emergency overview: **DANGER!**
CONTENTS UNDER PRESSURE.



Compressed Gas

Danger keep away from heat, sparks and flame. Do not puncture or incinerate container. Use only with adequate ventilation. Keep container closed. Contact with rapidly expanding gases can cause frostbite. Irritant to Skin, eyes, respiratory tract and ingestion

Target organs: May cause damage to the following organs: central nervous system (CNS) and Lungs.

Routes of entry: Inhalation and Skin Absorption

Potential acute health effects

Eyes: Contact with rapidly expanding gas may cause burns or frostbite. Causes irritation, redness, and pain.

Skin: Contact with rapidly expanding gas may cause burns or frostbite. Brief contact is not irritating. Prolonged skin contact causes mild to moderate irritation to skin and localized defatting. Symptoms include redness, itching. Can be absorbed through the skin with prolonged and widespread contact.

Inhalation: Causes irritation to the respiratory tract. Symptoms may include coughing, sore throat, headache, chest pain and shortness of breath. Anesthetic.

Ingestion: May cause irritation to the gastrointestinal tract. Ingestion may cause signs of intoxication, such as nausea, Symptoms may include nausea, vomiting, diarrhea, headache, incoordination, dizziness, drowsiness, and slurred speech depending on the amount ingested

Potential Chronic Health Effects:

May be toxic to blood, kidneys, liver, and central nervous system.

SAFETY DATA SHEET

2 of 7

Full Timer's Choice Slide Out Lube

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

Medical conditions aggravated by overexposure:

Pre-existing disorders involving any target organs mentioned in this SDS as being at risk may be aggravated by over-exposure to this product.

HMIS Ratings: Health: 2 Fire: 2 Reactivity: 0

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

See toxicological information (section 11)

Section 3 - Composition, Information on Ingredients

<u>Name</u>	<u>CAS Number</u>	<u>Exposure limits</u>	
		<u>PEL</u>	<u>TLV</u>
2-Butoxy Ethanol	111-76-2	50 ppm	20 ppm
Isoparaffinic Hydrocarbon	64742-46-7	5 mg/m ³	5 mg/m ³
Isoparaffinic Hydrocarbon	64742-47-8	5 mg/m ³	5 mg/m ³
Mineral Spirits MIXTURE		500 ppm	100 ppm
Di-tert-dodecyl Polysulfides	68425-15-0		
Propane/n-Butane	68476-86-8	N/A	1000 ppm

Section 4 - First Aid Measures

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Frostbite: Try to warm up the frozen tissues and seek medical attention.

Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion: Do not induce vomiting. Rinse mouth and seek immediate medical attention.

Section 5 - Fire-Fighting Measures

Flammability of the Product: N/A

Auto-ignition Temperature: N/A

Flash Point: N/A

Flammable Limits: Lower: NA Upper: NA

Products of Combustion: Decomposition products may include the following materials:
Carbon Dioxide and Carbon Monoxide

Fire Hazards in the Presence of Various Substances:

Extremely flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and oxidizing materials.

SAFETY DATA SHEET

3 of 7

Full Timer's Choice Slide Out Lube

Fire-Fighting Media and Instructions:

In case of fire, dry chemical, alcohol foam, alcohol-resistant foam, carbon dioxide and water for large fires. Water spray may be used to keep fire exposed containers cool. Cool containers with flooding quantities of water until well after fire is out.

Special Fire Fighting Procedures: Use water spray to cool fire exposed containers. Containers can build up pressure if exposed to heat and/or fire. It is always recommended to use SCBA when fighting fires.

Unusual Fire and Explosion Hazards: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Hazardous Decomposition Products: Oxides of Carbon

Special Protective

Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

NFPA Ratings: Health: 1 Fire: 2 Reactivity: 0 Other: none

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

Section 6 - Accidental release measures

Personal Precautions: Wear recommended protective equipment. mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Wash area with suitable detergent and thour. Dispose of according to local, state, and federal requirements.

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for Cleaning Up: Immediately contact emergency personnel. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7- Handling and Storage

Handling: Use only with adequate ventilation.
Store in cool, dry, ventilated area. Exposure to temperatures above 120°F may cause bursting. Protect cylinders from physical damage; do not drag, roll, slide, or drop.

Storage: Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Segregate from oxidizing materials. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Cylinder temperatures should not exceed 49 °C (120 °F).

Section 8 - Exposure Controls / Personal Protection

Engineering controls: Use only with adequate ventilation.

SAFETY DATA SHEET

4 of 7

Full Timer's Choice Slide Out Lube

Personal Protection

Eyes:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory:	Use only with adequate ventilation.

Personal protection in case of a large spill: Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product.

Product name:

Propane / Butane

ACGIH TLV (United States, 2/2010)

TWA: 1000 ppm 8 hour(s)

NIOSH REL (United States, 6/2009)

TWA: 1900 mg/m³ 10 hour(s)

TWA: 800 ppm 10 hour(s)

OSHA PEL 1989 (United States, 3/1989)

TWA: 1900 mg/m³ 8 hour(s)

TWA: 800 ppm 8 hour(s)

Consult local authorities for acceptable exposure limits.

Section 9 - Physical and Chemical Properties

Appearance:	Slightly yellow Liquid
Odor:	Mild aliphatic
Physical State:	Liquid, Spray
pH: (@59° F / 15° C)	Not Determined
Vapor pressure:	< 10 mmHg @ 75°F (23°C)
Vapor density:	> 1 @ 75°F (23°C)
Boiling Point:	>180°F (>100° C)
Melting Point:	Not Determined
Solubility:	3.75%
Specific Gravity: (@70° F / 21° C)	0.8077
Evaporation Rate:	< 1.0 @ 75°F (23°C)
Percent Volatile:	6.0% by weight

Physical Properties: Additional Information

No additional information available

Section 10 - Stability and Reactivity

Stability and Reactivity:	The product is stable.
Conditions to Avoid (Stability):	Incompatible materials, excess heat.
Incompatibility with various Substances:	Strong oxidizing, acids, and reducing agents.
Hazardous Decomposition Products:	Oxides of Carbon
Hazardous polymerization:	Under normal conditions of storage and use, hazardous polymerization will not occur.

SAFETY DATA SHEET

5 of 7

Full Timer's Choice Slide Out Lube

Section 11 - Toxicological Information

Toxicity Data

Product/Ingredient Name	Result	Species	Dose	Exposure
2-Butoxy Ethanol (111-76-2)	LC50 Inhalation	Rat	450 mg/L	4 hours
	LD50 Oral	Rat	470 mg/kg	
	LD50 Skin	Rabbit	220 mg/kg	
	Investigated as a tumorigen, mutagen, reproductive effector Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.			
Isoparaffinic Hydrocarbon (64742-47-8)	LC50 Inhalation	Rat	5 mg/L	4 hours
	LD50 Oral	Rat	5 mg/kg	
	LD50 Skin	Rabbit	2 g/kg	
Di-tert-dodecyl Polysulfides (68425-15-0)	LD50 Oral	Rat	>2500 mg/kg	
	LD50 Skin	Rat	>2000 mg/kg	
	Irritation eye rabbit			
Butane	LC50 Inhalation	Rat	1.15 mg/L	4 hours
	LD50 Oral	Rat	16,000 mg/kg	
	LD50 Skin	Rabbit	4,490 mg/kg	

Other toxic effects on humans No specific information is available in our database regarding the other toxic effects of this material to humans.

Specific effects

Carcinogenic Effects: No known significant effects or critical hazards.

Mutagenic Effects: No known significant effects or critical hazards.

Section 12 - Ecological Information

Aquatic Ecotoxicity: 2-Butoxy Ethanol - 111-76-2 - LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

Products of degradation: 2-Butoxy Ethanol - 111-76-2 - This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.

Environmental hazards: No known significant effects or critical hazards.

Toxicity to the environment: Not available.

Section 13 - Disposal Considerations

Comply with federal, state, or local regulations for disposal. Landfill solids at permitted sites. Burn concentrated liquids, diluting with clean, low viscosity fuel. Avoid flameouts and assure that emissions

SAFETY DATA SHEET

6 of 7

Full Timer's Choice Slide Out Lube

comply with all applicable standards/regulations. Dilute aqueous waste may biodegrade. Assure effluent complies with applicable regulations.

Section 14 - Transport information

Domestic Ground within the Continental US under 49CFR100-185

Regulatory Information	UN Number	Proper Shipping Name	Class	Packing Group
DOT Classification	UN1950	Aerosol	2.2	

Non-flammable aerosol not over 1 liter

IMDG
UN1057

Refer to Current IMDG regulations for full shipping description requirements

IATA

This material is not prepared or packaged for air transportation

International shipping requirements must be determined by the party offering the material for transportation

Section 15 - Regulatory Information

U.S. Federal regulations

United States inventory (TSCA 8b): This material is listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: 2-Butoxy Ethanol - 111-76-2 – Acute Health

313 REPORTABLE INGREDIENTS: 2-Butoxy Ethanol - 111-76-2

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: None

Clean Air Act (CAA) 112 regulated flammable substances: None

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State regulations

Connecticut Carcinogen Reporting: This material is not listed.

Connecticut Hazardous Material Survey: This material is not listed.

Florida substances: This material is not listed.

Illinois Chemical Safety Act: This material is not listed.

Illinois Toxic Substances Disclosure to Employee Act: This material is not listed.

Louisiana Reporting: This material is not listed.

Louisiana Spill: This material is not listed.

Massachusetts Spill: This material is not listed.

Massachusetts Substances: This material is listed.

Michigan Critical Material: This material is not listed.

Minnesota Hazardous Substances: This material is not listed.

New Jersey Hazardous Substances: This material is not listed.

New Jersey Spill: This material is not listed.

New Jersey Toxic Catastrophe Prevention Act: This material is not listed.

New York Acutely Hazardous Substances: This material is not listed.

SAFETY DATA SHEET

7 of 7

Full Timer's Choice Slide Out Lube

New York Toxic Chemical Release Reporting: This material is not listed.

Pennsylvania RTK Hazardous Substances: This material is not listed.

Rhode Island Hazardous Substances: This material is not listed.

California Prop 65 Warning: This material does contain listed chemicals.

Section 16 - Other information

NFPA CODES: Health	1
Flammability	2
Reactivity	0

Note - NFPA ratings are based on a 0-4 rating scale with 0 representing minimal hazards or risks and 4 representing extreme hazards or risks.

Date of Preparation/Revision: **July 2, 2013** (Supersedes all previous MSDS)

DISCLAIMER

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The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. It is the responsibility of the user to determine the safety, toxicity and suitability of their own use, handling and disposal of this product.