



LAMINATION TOOLING  
Serving the P.C. Industry Since 1977

## MATERIAL SAFETY DATA SHEET

### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Tuf-Lube 3C  
Product code: P5304585  
Chemical family: Polyolefin Emulsion  
Formula: Hydrolyzed Polyolefin and Water

Supplier: TADCO, Inc.

EMERGENCY PHONE NUMBER: 509 674-0990

Chemtrec's Emergency Number 1-800 424-9300 – Only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

### COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous Ingredients - None

Water

CAS # 7732-18-5

Concentration: 79-81%

Polyolefin Wax

CAS # 68441-17-18

Concentration: 19-21%

#### Hazardous Identification

HMIS Rating

Health: 1      Flammability: 1      Reactivity: 0      Protection: A

## EMERGENCY OVERVIEW

### Potential Health Effects

**Routes of Entry:** None known

### Human Effects and Symptoms of Overexposure

**Inhalation:** None expected.

**Skin contact:** Mild irritant.

**Eye contact:** Mild irritant.

**Ingestion:** None expected.

**Carcinogenicity:** NTP: None  
IARC: None  
OSHA: None

**Medical conditions aggravated by exposure:** Upon contact, pre-existing skin conditions may be aggravated.



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## TADCO TUF-LUBE 3C – Pg. 2

### First Aid Measures

**First Aid for Eyes:** Flush with water for at least 15 minutes. Consult a physician.

**First Aid for Skin:** Wash thoroughly with water. If irritation develops, consult physician.

**First Aid for Inhalation:** If exposed to hot vapors, remove individual to fresh air. Consult physician.

**First Aid for Ingestion:** Consult physician immediately.

### Fire Fighting Measures

**Flash Point:** Nonflammable.

**Extinguishing Media:** CO<sub>2</sub> or dry chemical.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus (SCBA).

### Accidental Release Measures

**Spill or Leak Procedures:** Contain spill. Trap in suitable absorbent and put into container for disposal. Flush remainder with plenty of water.

### Handling and Storage

**Handling and Storage Precautions:** Avoid contact with eyes and skin. Keep container closed when not in use. Store in a cool dry place. Use good industrial hygienic practices. Product will freeze at approximately 32 degrees F but otherwise will be unaffected upon restoring to its liquid state by warming.

**Shelf Life:** One year after date of manufacture.

**Special Sensitivity:** None known.

### Exposure Control / Personal Protection

**Eye protection requirements:** Safety glasses with side shield.

**Skin protection requirements:** Impervious gloves.

**Respiratory / ventilation requirements:** Respiratory protection not normally needed. Use in well-ventilated area. Local or mechanical is acceptable.



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## TADCO TUF-LUBE 3C – Pg. 3

### Physical and Chemical Properties

<b>Physical form</b>	Liquid
<b>Color</b>	White
<b>Odor</b>	Sweet
<b>Bulk density</b>	8 lbs/gal
<b>Specific gravity</b>	<1
<b>Flash point</b>	Does not burn below 200°F
<b>Vapor density</b>	Not established
<b>Vapor pressure</b>	Not established
<b>% volatile by weight</b>	78-80
<b>Boiling point</b>	212°F
<b>Melt point/Freeze point</b>	Approximately 32°F
<b>PH</b>	n/a
<b>Solubility in water</b>	Disperses

### Reactivity

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	None
<b>Hazardous polymerization:</b>	Will not occur
<b>Incompatibilities:</b>	None known
<b>Decomposition products:</b>	Oxides of carbon

Toxicological Information - None known

Ecological Information - None known

### Disposal Considerations

**Waste disposal method:** Dispose according to federal, state, and local regulations.

### Transportation Information

<b>D.O.T. shipping name:</b>	None
<b>Technical shipping name:</b>	None
<b>D.O.T. hazard class:</b>	None
<b>U.N./N.A. number:</b>	None
<b>D.O.T. label:</b>	None
<b>Other information:</b>	This product is not considered hazardous for either ground and/or air transportation.



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## Regulatory Information

**SARATitle III Section 313:** None

## Other Information

**Toxic Substance Control Act  
(TSCA) Inventory:** All the individual components are listed.

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