

## MATERIAL SAFETY DATA SHEET

**Manufacturer:**

Advanced Leather Solutions, Inc.  
27365 Industrial Blvd., Unit E  
Hayward, CA, 94545

**MSDS #:** 1012

**Info/Emergency Phone # (8:30am-4:30pm, PST):**

(510) 786-6059

**Date prepared:** 11/21/2008

**Prepared by:** Jason Murray

### SECTION 1 – MATERIAL IDENTIFICATION

**Product Name/Number:** Satin Top-coat concentrate/TC-3

**CAS #:** Mixture

### SECTION 2 – COMPOSITION INFORMATION

<b><u>Description:</u></b>	<b><u>CAS#:</u></b>	<b><u>% by weight:</u></b>	<b><u>Exposure Limits – TLV\PEL</u></b>
N-methyl-2-pyrrolidone	872-50-4	4.0	100 ppm (ACGIH)
Triethylamine	121-44-8	0.6	10 ppm (ACGIH)
Glycol Ether DPME	35490-94-8	1.2	150 ppm (ACGIH)

### SECTION 3 – HAZARDS IDENTIFICATION

**Emergency Overview:**

May cause eye and skin irritation. Avoid contact with eyes and skin. Use appropriate protective measures during use. Keep out of reach of children.

### SECTION 4 – FIRST AID MEASURES

**Eye contact:**

Hold eyes open and immediately rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. Seek immediate medical attention, preferably an ophthalmologist.

**Skin contact:**

Wash thoroughly with soap and water. If irritation persists, consult a physician.

**Inhalation:**

Move to well-ventilated area.

**Ingestion:**

Rinse mouth thoroughly and drink 2 glasses of water or milk at once. DO NOT induce vomiting. Seek medical attention at once. Never give an unconscious person anything to ingest.

### SECTION 5 – FIRE AND EXPLOSION DATA

**Flammability:**

OSHA: Combustible Liquid Class III-B. See Section 14 for any Shipping Classifications.

**Flash Point:**

>200° F.

**Fire and Explosion Hazards:**  
**Explosive Limits in Air:**  
**Products of Combustion:**  
**Fire Fighting Media and Instructions:**

Isolate from heat, electrical sparks, or open flame.  
Not available.  
nitrogen oxides, carbon monoxide, and carbon dioxide.  
Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire.  
Wear self-contained breathing apparatus and protective clothing appropriate for fighting a typical chemical fire.

**Special Fire-fighting Instructions:**

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spill procedures:**

Shut off and eliminate any ignition sources.  
Recover any free material as possible.  
Soak up remains with an inert, absorbent material (Continue to observe precautions for volatile vapors from absorbed material), and dispose of in accordance with governmental regulations.  
Large spills should be diked, contained, and collected for later disposal according to local, state, and federal regulations.

## SECTION 7 – HANDLING AND STORAGE

**Handling:**

Use with caution. Avoid contact with eyes and skin.

**Storage:**

Store in a secure area - away from heat sources, electrical sparks, open flame, pets, and children.  
**Keep from freezing.**

## SECTION 8 – EXPOSURE CONTROLS

**Ventilation:**

Use good local ventilation when applying.

**Eyes:**

Avoid contact with eyes. Wear eye-protection.

**Skin:**

Avoid skin contact. Wear non-absorbent gloves.

**Inhalation:**

Use good local ventilation. Don't use in confined areas.

**Hygiene:**

Wash with soap and water after use if skin is exposed.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Milky liquid

**pH:**

Not determined

**Boiling Point:**

212° F.

**Color:**

off white

**Viscosity:**

not available

**Solubility:**

Water-dispersible, soluble

**Non-Volatiles:**

36% Wt.

**Odor:**

Mild chemical

**Specific Gravity:**

Not available

## SECTION 10 – STABILITY AND REACTIVITY

**Chemical stability:**

Stable

**Incompatibility:** Strong mineral acids and oxidizers  
**Hazardous polymerization:** Will not occur

## SECTION 11 – TOXICOLOGY INFORMATION / EXPOSURE EFFECTS

**Eye contact:** Vapor may cause irritation and temporary disturbance of vision. Liquid may produce severe irritation experienced as excess redness and swelling of the conjunctiva with chemical burns of the cornea.

**Skin contact:** Prolonged skin contact causes irritation, redness, and defatting of the skin.

**Inhalation:** Exposure above the TLV may cause irritation to the respiratory tract, with sneezing, coughing, burning sensation of the throat, constricting sensation of the larynx, and difficulty in breathing. High concentrations may cause damage to the liver, kidney, and heart and may cause tracheitis, bronchitis, pneumonitis, and pulmonary edema.

**Ingestion:** May cause chemical burns of the mouth, throat, and esophagus. Signs and symptoms will include pain or discomfort in the mouth, throat, chest, and abdomen, nausea, vomiting, diarrhea, dizziness, collapse, and coma.

**Carcinogenicity:** Product components not listed as carcinogenic, per OSHA, NTP, or IARC.

## SECTION 12 – ECOLOGICAL DATA

**Eco-toxicity:** not available

## SECTION 13 – DISPOSAL

**Waste disposal:** Dispose of in accordance with local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

Not a DOT controlled material (USA). Supplied in 8 oz, 32 oz, and gallon containers.  
Non-corrosive.

## SECTION 15 – REGULATORY INFORMATION

**Federal and State:** SARA Title III , Section 313 Toxic Chemical Notification and Release Reporting – contains N-methyl-2-pyrrolidone (CAS#: 872-50-4), at a concentration of 4%.

**California Proposition 65:** Not applicable  
**Other classifications:** WHMIS (Canada) – not controlled under WHMIS

<b>SECTION 16 – HMIS INFORMATION AND DISCLAIMER</b>
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<b><u>National Fire Protection Association:</u></b>	1-0-0
<b><u>HMIS:</u></b>	1-0-0

Notice to Reader:

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Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.