



Material Safety Data Sheet

SECTION 1: PRODUCT NAME AND COMPANY INFORMATION

Product Name: LTI-SUN-150B UNIVERSAL COATING

Product Number: 285931

Issue Date: May 25, 2011

Supersedes Date: February 7, 2007

Manufactured By:

Lens Technology I, LLC
14256 Firestone Blvd
La Mirada, CA 90638-5524
(714) 690-6470

Distributed By:

Coburn Technologies
55 Gerber Road
South Windsor, CT 06074

Telephone: (860) 871-8082

24-Hour Emergency Contact Number (North America): 800-255-3924

24-Hour Emergency Contact Number (International): 813-248-0585

Emergency Overview

Pale yellow, thin liquid with an alcohol odor. LTI-SUN-150B is combustible and may release hazardous combustion by-products (see "Fire and Explosion" Information listed in Section 3 below). This product is stable under normal conditions. It is advised that the product should be used under the condition described in the section of 8. Resulting in overexposure to this product may cause severe health effects.

SECTION 2: COMPOSITION (Hazardous Components First)

Chemical Name

Acrylated Monomers/Oligomer Blend
Photo Initiator

Synonyms

N/A
N/A

CAS#

Proprietary
Proprietary

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

SECTION 3: Hazards Identification:

Potential Health Effects

INHALATION: No significant signs or symptoms indicative of any adverse health hazard are expected to occur at standard conditions due to low volatility of the product. However, harmful if inhaled aerosols created by improper conditions. Aerosols can be irritating to the respiratory passages.

INGESTION: Harmful if swallowed.

SKIN CONTACT: Causes skin irritation.

EYE CONTACT: Causes Eye Irritation.

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Fire and Explosion

LTI-SUN-150B is a combustible liquid with a flash point more than 200 deg. F SETA closed cup. Both the LEL and UEL have not been determined. Products of combustion include carbon dioxide and carbon monoxide, acrid fumes and volatile organic fractions. The exact composition of the combustion by-products will depend on the conditions of combustion. In a fire situation, closed containers may rupture violently when exposed to heat. Combustion by-products may be hazardous. (See Reactivity Section

SECTION 4: First Aid:

Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin:

In case of contact, immediately wash exposed skin with plenty of soap and water for at least 15 minutes. Seek medical advice if a rash or irritation persists. Wash clothing free from contaminant before reuse.

Inhalation:

If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give CPR. Get medical attention immediately.

Ingestion:

If swallowed, seek medical advice immediately.

SECTION 5: Fire Fighting Measures:

Use dry powder, CO₂, foam or water fog to extinguish fires involving this product. Water and/or water fog may cause frothing and should be applied carefully. Use water only to cool containers exposed to the heat of a fire. Contain water run-off from entering drains, streams and lakes. Disperse vapors using a fog pattern. Keep upwind of fire or vapor clouds.

SECTION 6: Accidental Release Measures:

SMALL SPILLS (a pint or two)

Cover with absorbent material (Expanded vermiculite or kitty litter). When liquid is fully absorbed, sweep into a plastic bag and dispose absorbant material according to federal, state, and local regulations..

LARGE SPILLS

Prevent build-up of vapors, by covering with absorbent material. Pay particular attention to confined areas or storm drains. TURN OFF POWER AT A REMOTE SWITCH PANEL. Remember that turning equipment ON or OFF will cause an arc for possible ignition of vapor. Use spark-proof tools and conductive shoes to avoid sparking hazards.

Dispose of in accordance with all applicable regulations.

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SECTION 7: Handling and Storage:

LTI-SUN-150B is combustible and should be stored away from potential ignition sources. Keep away from light, heat, sparks and flame. Close container after each use. Drums should be grounded while dispensing. Do not get in eyes, on skin or on clothing. Use only with adequate ventilation.

SECTION 8: Exposure Controls/Personal Protection:

Use with proper ventilation. Due to potential harmful characteristics of LTI-SUN-150B, care needs to be taken to prevent skin exposure. Suitable emergency shower facilities or other sufficient water supply is required to be available for emergency use. For eye protection, safety glasses and/or face shields should be worn when handling the product. Suitable emergency eye wash facilities and other water supply is required to be available for emergency use. Good potential hygiene practice should be followed to prevent accidental consumption. This includes ensuring personnel wash after handling LTI-SUN-150B and prior to smoking, eating or consuming tobacco items like chewing tobacco or applying cosmetics.

Chemical Protective Equipment

<u>Butyl Rubber</u>	<u>Viton</u>	<u>Chlorinated Polyethylene</u>	<u>Nitrile</u>	<u>Urethane</u>	<u>Vinyl</u>	<u>Natural Rubber</u>	<u>Neoprene</u>
I	I	I	I	I	I	I	A

A = Recommended
B = Minor to Moderate Effect
C = Conditional
X = Not Recommended
I = Insufficient Data to Rate

Exposure Guidelines

<u>Chemical Name</u>	<u>TLV</u>	<u>STEL</u>	<u>Other Limits</u>	<u>Source of Other Limits</u>
Acrylated Monomers/Oligomer Blend	N/D			
Photo Initiator	N/A			

Caution: Avoid repeated or proplonged breathing of spray mist.

SECTION 9: Physical and Chemical Properties:

Boiling Point - Degrees F:	>200F
Specific Gravity:	1.13
Pounds/:Gallon:	9.43
Percent Volatile:	Negligible
Odor:	alcohol

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Color:	Pale yellow
Solubility (water):	None
Viscosity:	~ 57 cps
Physical State:	liquid
Dry Time:	NA
Melting Point - degrees F	NA
Vapor Pressure:	NA

SECTION 11: Toxicological Information:

Acute Oral:

Harmful if Swallowed

Acute Dermal:

Skin sensitizer. May cause allergenic skin reaction. May be harmful if absorbed through the skin

Inhalation Toxicity:

Though aerosols are not likely to occur when used at standard conditions, aerosols can be irritating to the respiratory passages to cause coughing and shortness of breathing.

Eye Irritation:

Causes Eye Irritation.

Skin Irritation:

Causes Skin Irritation.

Chronic Effects:

No adverse chronic health effects are expected from anticipated conditions of normal use of the product.

SECTION 12: Ecological Information:

Not Evaluated.

SECTION 13: Disposal Considerations:

It is the user's responsibility to appropriately classify and dispose of all industrial wastes in compliance with all federal, state, municipal and local requirements. Incinerate or use biological treatment in accordance with federal, state, and local regulations.

SECTION 14: Transport Information:

HM 181 Required Information

DOT SHIPPING NAME:	Not Applicable
EXPORT SHIPPING NAME:	Not Applicable
LABEL	None
RQ	None

SECTION 15: Regulatory Information:

SARA Title III

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<u>CAS#</u>	<u>Chemical Name</u>	<u>304</u>	<u>313</u>	<u>EHS</u>	<u>Wt%*</u>
CNK	Acrylated Monomer	NO	NO	NO	
CNK	Photoinitiator	NO	NO	NO	

CNK - *Some Components Not Known*
*SARA Regulated Components Only

TSCA

All components comply with TSCA Inventory requirements.

CERCLA

Under EPA-CERCLA releases to air, land or water which exceed the reportable quantity must be reported to the National Response Center(800-424-8802). The reportable quantity for this product is >10,000 pounds.

Hazard Ratings

	<u>HMIS</u>	<u>Personal Protective Index</u>
HEALTH	3	Because workplace conditions, environments and means of application differ, we cannot make specific recommendations
FIRE	1	
REACTIVITY	2	
PERS. PROT. INDEX	X	

SECTION 16: Other Information:

Information Contact:

Lens Technology I, LLC
General Manager
14256 Firestone Blvd
La Mirada, CA 90638
(714) 690-6470 (for questions and emergencies)
(800) 535-5053---24 hour EMERGENCY / TRANSPORTATION NUMBER

MSDS Review Committee Approval:

Prepared: Sung Y. Tark
Technical Department-_____

February 7, 2007
Date

Approved:
General Manager-_____

February 7, 2007
Date

The data in this MSDS has been compiled from publicly available sources (some of which are identified below). This data relates only to the designated product and not to the use of said product in combination with other materials. Because conditions and circumstances of use of the product are beyond our control and any summary of data such as is represented by this MSDS is inherently incomplete, Lens Technology I, LLC makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. Responsibility for proper precautions and safe use of the product lies with the user.

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