

ONE MSDS FOR ALL

**nubar** L.L.C.

4200 Verdant St., Suite A, Los Angeles, CA 90039 USA Tel (818) 241-0519 Fax (818) 548-5257

## SECTION I

## MATERIAL SAFETY DATA SHEET

NUBAR, LLC  
4200 VERDANT ST. UNIT A  
LOS ANGELES, CALIFORNIA 90039  
(818) 241-0519  
(800) 552-4769  
(800) 424-9300 EMERGENCY RESPONSE

## SECTION II

## PRODUCT IDENTIFICATION

FORMULA NUMBER

AN2236

FORMULA DESCRIPTION

TFF SUSPENSION BASE

D.O.T. CLASS

UN1263 CLASS 3 GROUP II  
FLAMMABLE LIQUID CLASS 1B

## SECTION III

## HAZARDOUS INGREDIENTS

## INGREDIENT

CAS NUMBER	EXPOSURE LIMITS-PPM	
	ACGIH-TWA	OSHA-PEL
BUTYL ACETATE	123-86-4	150.00
N-PROPYL ACETATE	109-60-4	200.00
ETHYL ACETATE	141-78-6	400.00
BUTYL ALCOHOL	71-36-3	50.00
DIBUTYL PHTHALATE	84-74-2	NA
CAMPHOR	76-22-2	2.00
NITROCELLULOSE	9004-70-0	400.00
ISOPROPYL ALCOHOL	67-63-0	400.00
POLYESTER RESIN	NA	NA

## SECTION IV

## PHYSICAL DATA

Boiling Range: 171 TO 640 DEG F  
Vapor Density: NA  
WT/GAL: 8.12  
EVAPORATION RATE SLOWER THAN ETHER  
ODOR: STRONG SOLVENT

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**SECTION V FIRE AND EXPLOSION DATA****Flash Point:** 24 DEG F TCC**EXTINGUISHING MEDIA:** CARBON DIOXIDE, DRY CHEMICAL, FOAM**FIRE FIGHTING PROCEDURES:** Full protective equipment, including self contained breathing apparatus is recommended. Water from fog nozzle may be used to cool containers to prevent pressure build up.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** When heated above the flash point flammable vapors may be emitted. Flue mists or sprays may be flammable at temperatures below the flash point.**SECTION VI HEALTH HAZARD DATA****SIGNS AND SYMPTOMS OF EXPOSURE:** Headache, dizziness, nausea, staggering gait, confusion, unconsciousness.**ACUTE:** Irritation, burning of eyes and skin, nervous system depression**CHRONIC:** Reports have associated repeated and prolonged overexposure to solvent with permanent brain damage.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE****EMERGENCY AND FIRST AID PROCEDURES:**

In case of eye contact immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of skin contact wash with soap and water. If irritation occurs consult a physician.

**INHALATION:** May cause nose and throat irritation.**EYES:** May cause irritation or burning eyes.**SKIN:** Repeated or prolonged liquid contact may cause skin irritation with discomfort or dermatitis.**INGESTION:** Gastro intestinal distress, call a physician.**SECTION VII REACTIVITY DATA****STABILITY:** STABLE**HAZARDOUS POLYMERIZATION:** Will not occur**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO2, Nitrous Oxides, Smoke**CONDITIONS TO AVOID:** Do Not Store Over 120 degrees F**INCOMPATIBILITY (Materials to avoid) :** Acids, Alkalies, and Peroxides.

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**SECTION VIII SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Observe label precautions and keep away from heat, sparks & flames. Close container after each use. Ground container when pouring. Do not store over 120 degrees F. Wash hands thoroughly after handling before eating.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Ventilate area and remove sources of ignition. Prevent skin contact and breathing vapors. Confine and remove with inert absorbent. Dispose in accordance with applicable Federal, State, and Local Regulations. (Do not incinerate in closed containers)

**SECTION IX SAFE HANDLING AND USE INFORMATION**

**FOR MANUFACTURING USE ONLY.**

**HANDLING AND STORING PRECAUTIONS:** In accordance with good industrial practice avoid unnecessary personal contact. Wash face and hands before eating, drinking, or smoking. Store in original container, away from excessive heat and keep in a dry area.

<b>VENTILATION:</b>	Use local exhaust.
<b>PROTECTIVE GLOVES:</b>	Neoprene gloves.
<b>EYE PROTECTION:</b>	Include splash guards and side shields.
<b>RESPIRATORY PROTECTION:</b>	Use with adequate ventilation and avoid breathing vapors.
<b>CLOTHING:</b>	Coveralls.
<b>OTHER PROTECTIVE EQUIP:</b>	Eye bath and shower.

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