



# Noltex, L.L.C.

## Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the supplier

TRADE NAME: SOARNOL™ EVOH AT4403

MANUFACTURER: Noltex L.L.C.  
12220 Strang Road  
LaPorte, TX 77571-9740

PRODUCT INFORMATION: 281-842-5000

CHEMTREC: 1-800-424-9300

MEDICAL EMERGENCY: 281-842-5035

### SECTION 2: Hazards identification

This product is not hazardous and is not GHS-classified.

#### OTHER DATA

There is no information available to describe the human health effect by skin contact. However, based on experience with handling these polymers and others, which are similar chemically, no unusual dermatitis hazard is expected from routine handling. Skin contact with molten polymer will cause thermal burns. Eye contact is expected to cause no more than mechanical irritation. Polymer is not respirable as marketed. At processing temperatures ( 245°C, 473°F), fumes irritating to the eyes, nose and throat may be produced. This exposure may result in reddening, tearing and itching of the eyes and soreness in the nose and throat together with coughing. Ingestion is not a probable route of exposure. Toxicity by ingestion is predicted to be low (LD50 (oral, rat) is > 5,000 mg/kg; Feeding (oral, rat) 5% in diet, no observable change due to SoarnoL™ EVOH was observed).

### SECTION 3: Composition/information on ingredients

CHEMICAL NAME: ETHYLENE VINYL ALCOHOL COPOLYMER (EVOH)  
CAS No.: 26221-27-2

#### EXPOSURE LIMITS

TLV (ACGIH) : None Established  
PEL (OSHA) : None Established

### SECTION 4: First aid measures

#### INHALATION

If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician.

#### SKIN CONTACT

Wash with soap and plenty of water.  
If molten polymer contacts skin, cool rapidly with cold water. Do not attempt to peel polymer from skin.  
Obtain medical attention for thermal burns.

#### EYE CONTACT

Irrigate with water for 15 minutes. Consult a physician.

#### SAFETY PRECAUTIONS

Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

## SECTION 5: Firefighting measures

The solid polymer can be combusted only with difficulty. Under fire conditions, SOARNOL™ EVOH may decompose to form a flammable and/or explosive mixture in air.

### EXTINGUISHING MEDIA

Water, Foam, Dry Chemical, CO<sub>2</sub>

### SPECIAL FIRE FIGHTING INSTRUCTIONS

Keep personnel removed & upwind of fire. Wear self-containing breathing apparatus. Wear full protective equipment.

### FIRE AND EXPLOSION HAZARDS

Complete combustion gives carbon dioxide and water.

Incomplete combustion gives carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes and alcohols.

## SECTION 6: Accidental release measures

Review FIRE AND EXPLOSION HAZARDS (Section 5) and SAFETY PRECAUTIONS (Section 4) before proceeding with clean up.

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Pick up spilled polymer to avoid slipping hazard.

## SECTION 7: Handling and storage

Store in cool, dry place.

Keep containers and packages closed to prevent contamination.

## SECTION 8: Exposure controls/personal protection

### GENERALLY APPLICABLE CONTROL MEASURES AND PRECAUTIONS

Local exhaust ventilation should be used over processing equipment.

### PERSONAL PROTECTIVE EQUIPMENT

Eye/Face : Safety Glasses.

Respirator : Not required if ventilation is adequate.

Additional : Protective gloves and long sleeve shirt should be worn when handling hot polymer.

### EXPOSURE LIMITS

TLV (ACGIH) : None Established

PEL (OSHA) : None Established

## SECTION 9: Physical and chemical properties

Appearance: White to slightly yellowish translucent pellet Odor: Odorless

Boiling point: Not relevant

Melting point: 150° - 200° C (302°-392°F)

Flash point: 300°C (572°F)

Ignition point: More than 420°C (788°F)

Explosive properties: None

Oxidizing properties: None

Bulk Density: 0.64 - 0.80

Relative Density: 1.10 - 1.24

Solubility: Soluble - Water-Alcohol Mixed Solvent, DMSO

Insoluble - Water, Ethyl acetate, Benzene, Toluene, MIBK

**SECTION 10: Stability and reactivity**

**INSTABILITY:** Stable at room temperature. Avoid temperature above 245°C (473°F)  
**INCOMPATIBILITY:** Strong oxidizing material.  
**DECOMPOSITION:** Hazardous gases/vapors produced are carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes and alcohols; begins at more than 300°C (572°F).  
**POLYMERIZATION:** Polymerization will not occur.

**SECTION 11: Toxicological information****AQUATIC TOXICITY**

Toxicity is expected to be low based on the polymer's negligible water solubility.

**CARCINOGENICITY**

None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen. SoarnoL™ EVOH is not mutagenic.

**SECTION 12: Ecological information**

N/A

**SECTION 13: Disposal considerations****WASTEDISPOSAL**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.  
Incinerate or landfill.

**SECTION 14: Transport information**

DOT Proper Shipping Name: Not Regulated by DOT

**SECTION 15: Regulatory information**

**Australia:** Each component is included in the Australian Inventory of Chemical Substances (AICS) or assessed by NICNAS.  
**United States (USA):** Each component is included on the U.S. Toxic Substances Control Act (TSCA) Inventory.  
**Canada:** Each component is included on the Canadian Domestic Substances List (DSL).  
**China:** Each component is included on the the Chinese (IECSC) inventory.  
**Japan:** Each component is included on the Japanese (ENCS) inventory.  
**Korea:** Each component is included on the Korean (ECL) inventory.  
**Philippines:** Each component is included on the Philippine (PICCS) inventory.  
**New Zealand:** New Zealand HSNO Hazard Classification: None  
New Zealand Group Standard/HSNO Approval: Not applicable  
Listed on the NZIoC.

**SECTION 16: Other information**

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for Noltex Product SDS:

Noltex L.L.C.  
12220 Strang Road  
LaPorte, TX 77571-9740