Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

Soyol ™ T36-180 Polyol ®

Section I

Supplier's NAME

Urethane Soy Systems Company
Eric Geiger
100 Caspian Avenue
Volga SD 57071

Emergency Telephone Number
800-424-9300
Telephone Number for Information
888-514-9096
Date Prepared 9/18/2003
Date Revised 7/15/2004
Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity) Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
The material does not contain any listed hazardous materials.	OSHA PEL	NA		
	ACGIH TLV	NA		
	Rat Oral LD50	NA		

Section III - Physical/Chemical Characteristics

Boiling Point	ND	Specific Gravity (H2O = 1) g/mL	0.96
Vapor Pressure (mm Hg.) at 20 Deg. C	ND	Melting Point Liquid	NA
Vapor Density (AIR = 1)	ND	Evaporation Rate (Butyl Acetate = 1)	ND

Solubility in Water
Not soluble in water.

Appearance and Odor
Orange colored liquid, sweet odor, similar to used cooking oil.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Open Cup method - 317 Deg. F	ND	ND	ND

Extinguishing Media
Foam or CO2 - water will spread the fire

Special Fire Fighting Procedures

Since material is lighter than water, flammable soy material will float.

Unusual Fire and Explosion Hazards
None Known

This information is believed correct at the time of preparation of this MSDS, but it is to be used only as a guide for handling the chemical. ND=Not Determined NA=Not Applicable

Section V - Reactivity Data

Stability			Conditions to Avoid
	Unstable		
	Stable	X	Oxidizing agent

Incompatibility (Materials to Avoid) Strong oxidizer

Hazardous Decomposition or By-Products

CO_2/CO

Hazardous Polymerization			Conditions to Avoid
	May Occur		
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazardous (Acute and Chronic)

Material should not manifest health problems.

Inhalation may cause coughing. Skin allergies may occur.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

No

Signs and Symptoms of Exposure

Oily layers on skin

Medical Conditions

Generally Aggravated by Exposure

If allergies are present, skin irritation can occur

Emergency and First Aid Procedures

In Case of eye or skin contact, flush with water. In case of inhalation, provide fresh air, oxygen. Contact physician.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Place absorbent barrier around liquid and prevent release of liquid to water of the state or into storm sewer/sanitary sewer drains.

Add "kitty-litter" or "oil-dry" to absorb material.

Waste Disposal Method

Can be landfilled.

Precautions to Be Taken in Handling and Storing

Normal precautions.

Other Precautions

None Known

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Dust filter if material is aerosol

Ventilation		
	Local Exhaust	Special
	Mechanical (General) X	Other
Protective Gloves		Eye Protection
Nitrile glove, if needed		Always wear protective eyewear

Other Protective Clothing or Equipment

Eye bath and safety shower. To prevent repeated or prolonged skin contact, wear impervious clothing and footware.

Work/Hygienic Practices

Normal practice

Section IX - Hazards Identification

POTENTIAL HEALTH EFFECTS

INHALATION: Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dixxiness, and nausea. Remove to fresh air

EYE CONTACT: May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seekmedical attention if symptoms persist.

SKIN CONTACT: Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

INGESTION: No hazards anticipated from ingestion incidental to industrial exposure.

Section X - Stability and Reactivity

GENERAL: This product is stable and hazardous polymerization will not occur

INCOMBATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide, carbon dioxide along with thick smoke

Section XI - Disposal Considerations

Waste may be disosed of by a licensed disposal company. Contaminated absorbent may be disposed of in an approved landfill. Follow local, state and federal disposal regulations

Section XII - Transport Information

UN HAZARD CLASS: Not Applicable

DOT Transportation Data (49 CFR 172.101): Not Applicable

NMFC (National Motor Freight Classification):

IDENTIFCATION NUMBER: 145100

SHIPPING CLASSIFICATION: 65

International transportation

Harmonized Tariff, Schedule B: 3913.90.8000, Natural polymers, other

Section XIII - Regulatory Information

OSHA STATUS: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Section X.

TSCA STATUS: The components of this product are listed on TSCA.

CERCLA: Reportable quantity (RQ): Not established

SARA TITLE III

Section 312 Extremely Hazardous Substances: None

Section 311/312 Hazard Catagories: Non-hazardous under Section 311/312

Section 313 Toxic Chemicals: None

RCRA STATUS: If discarded in its purchased form this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product shall be classified as a hazardous waste. (40CFR 261.20-24)

CALIFORNIA PROPOSITION 65: The following statement is made to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: The product contans no chamicals known to the state of California to casue cancer or reproductive toxicity