MSDS Material Safety Data Sheet
UNITEX

MSDS Number: 2017 Revision Date: 8/23/2006

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

UNITEX

3101 Gardner Ave.
Kansas City, MO 64120

Contact: Technical Services
Telephone Number: 816-231-7700
FAX Number: 816-483-3149
E-Mail: mail@unitex-chemicals.com
Web www.unitex-chemicals.com

Product Name: SOLVENT SEAL 1315
Revision Date: 8/23/2006
MSDS Number: 2017
Product Code: SOLVENT SEAL 1315
Product Use: Solvent-based acylic curing and sealing compounds.

Emergency Telephone No.: 800-424-9300 CHEMTREC 24 hrs.

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
8052413	Naptha, Solvent Medium Aliphatic	20-30%
64742956	Aromatic 100 Hydrocarbon	30-40%

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes, Skin, Ingestion, Inhalation
Target Organs: None known
Inhalation: May cause irritation to nose and throat.
Skin Contact: May cause irritation and dermatitis.
Eye Contact: May cause irritation.
Ingestion: May cause irritation of the mouth, stomach and cause sensitization.

Naptha, Solvent Medium Aliphatic

CAS# 8052413	OHSA PEL	500 ppm TWA
	OSHA VPEL	100 ppm TWA
	ACGIH TLV	100 ppm TWA

1,3,5-Trimethylbenzene (component in CAS# 8052413)
No exposure limits established

1,2,4-Trimethylbenzene (component in CAS# 8052413)
No exposure limits established

Xylene (component in CAS# 8052413 & 64742956)

OSHA PEL	100 ppm TWA
OSHA VPEL	100 ppm TWA
OSHA VPEL	150 ppm STEL
ACGIH TLV	100 ppm TWA
ACGIH TLV	150 ppm STEL

Ethylbenzene (component in CAS#8052413)

CAS# 100414	OSHA TWA	100 ppm TWA
	OSHA VPEL	100 ppm TWA
	OSHA VPEL	125 ppm STEL
	ACGIH TLV	100 ppm TWA
	ACGIH TLV	125 ppm STEL

4 FIRST AID MEASURES

Inhalation: If overexposure occurs, remove victim to fresh air. If breathing stops, administer artificial respiration. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing as soon as possible. Wash exposed skin thoroughly with soap and water. If irritation persists, consult a physician. Launder contaminated clothing before reuse. Extremely contaminated leather shoes should be discarded.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. If necessary, gently hold open eyelids during the flush. Immediately seek medical attention.

Ingestion: If large amounts of material is swallowed, do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Immediately consult a physician. Do not attempt to give liquid to an unconscious person.

5 FIRE FIGHTING MEASURES

Flash Point:	106 deg. F.
Flash Point Method:	Tag Closed Cup Method
Burning Rate:	No data available.
Autoignition Temperature:	No data available.
LEL:	0.7%
UEL:	5.0%
Flammability Classificati	Combustible Liquid

Other:
Special Fire Fighting Procedures: None. Avoid breathing smoke. NFPA Class B-C fire extinguisher (dry chemical, carbon dioxide or foam). Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Avoid spraying directly into containers to prevent boilover. Explosion hazard when exposed to heat and flame. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricty, or other sources of ignition; containers may explode and cause inury or death.

6 ACCIDENTAL RELEASE MEASURES

Small Spills: Eliminate all ignition sources. Contain with earthen dike or petroleum material. Remove with grounded suction pump to a salvage container. Remove all absorbent and contaminated materials.

Large Spills: For large spills, dike far ahead of liquid for later disposal. Do not release into sewers or waterways.
Cleanup: Remove all absorbent and contaminated materials.
Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Eliminate all ignition sources (flares, flames including pilot lights, electricial sparks). Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed.

7 HANDLING AND STORAGE

Handling Precautions: For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with oxidizers. Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.

Storage Requirements: Store in a cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flames.

Containers of this material may be hazardous when emptied. Since containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five gallon pails and larger metal containers, including totes and tank trucks, should be grounded and/or bonded when material is transferred. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingess of air into vacuum equipment, may result in ignition without the presence of obvious ignition sources.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Protective Equipment: VENTILATION: Provide general or local exhaust systems to maintain airborne concentrations below OSHA PEL's. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

PROTECTIVE CLOTHING/EQUIPMENT: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

OTHER PRECAUTIONS: Never eat, drink or smoke in work areas.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear/Colorless		
Physical State:	Liquid	**Boiling Point:**	300 deg. F.
Odor:	Hydrocarbon	**Freezing/Melting Pt.:**	NA
pH:	No data available	**Solubility:**	
Vapor Pressure:	11 mg/Hg @ 100 deg. F	**Spec Grav./Density:**	(H2O=1) 0.77
Vapor Density:	(Air=1) 4		

VOC: Yes
Evap. Rate: (Butly Acetate=1) 8

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heat and open flame.

Materials to avoid (incompatability): Strong oxidizers.

Hazardous Decomposition products: Can form carbon dioxide, carbon monoxide and other petroleum decomposition byproducts.

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Studies: Test on similar materials show low order of acute oral and dermal toxicity.

Eye Effects: Minimal irritation on contact.

Acute Oral Effects: Test on similar material indicate low order of acute oral toxicity.

12 ECOLOGICAL INFORMATION

Toxic to aquatic organisms. Do not allow product to reach ground water, water course or sewage system, even in small quantities.

13 DISPOSAL CONSIDERATIONS

Consult municipal authorites, landfill personnel, disposal companies for details prior to any disposal activity. Always follow local, state and federal regulations.

14 TRANSPORT INFORMATION

This material is regulated by Department of Transportation (DOT).

Proper Shipping Name: Combustible Liquid N.O.S. UN1993, PGIII

Combustible Warning & Placards required only when packaged in containers holding 119 gallons or more.
Flammable Warning & Placards required only when shipping 1,000 lbs or more by air or water.

15 REGULATORY INFORMATION

This MSDS has been prepared in accordance with federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS Codes: Health(1) Flammability(2) Reactivity(0) PPE(B)

TSCA (Toxic Substance Control Act) Status:
The international ingredients of this product are listed.

CERCLE RQ - 40 CFR 302.4(a)
Xylene (O-,M-,P-, Isomers) 100 lbs.
Ethylbezene 1000 lbs.

SARA 311/312 Hazard Class - 40 CFR 370.2
1,2,4-Trimethylbenzene CAS# 95636 6%
Xylene (mixed isomers) CAS# 100414 1%

OSHA - Not listed

EPA - Not listed

California Proposition 65 - None

Pennsylvania/New Jersey RTK label information
Stoddard Solvent CAS# 8052413
1,3,5-Trimethylbenzene CAS# 108678
Pseudocumme CAS# 95636
Xylenes CAS# 1330207
Ethylbenzene CAS# 100414

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

16 OTHER INFORMATION

The product has been classified and marked in accordance with directives on hazardous materials.

Hazard Symbols:
Toxic dangerous for the environment.

Hazard-determining components of labeling:
Stoddard solvent
Solvent naphtha (petroleum)

Risk Phrases:
Flammable.
Irritating to respiratory system.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.

Safety Phrases:
Avoid exposure-obtain special instructions before use.
Keep out of reach of children.
Keep container closed until ready to use.
Keep container in a well ventilated place.
Keep away from food, drink and animal feed.
Keep away from sources of ignition - no smoking.
When using do not eat or drink.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. In case of accident or if you feel unwell, seek medical advice immediately.
Avoid using indoors without ventillation (industrial and professional use only).

This information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness or completeness, or as to the results or reliance of this product.

END OF MSDS DOCUMENT