

2/6/2006

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 02/06/2006

SUPERSEDES: 11/30/2005

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****COMPANY INFORMATION**

Parr Technologies, LLC  
 24087 C.R. 6 East  
 Elkhart, Indiana 46514  
 Phone: 574-264-9614

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

**PRODUCT INFORMATION**

PRODUCT NUMBER: SC0274 124  
 PRODUCT DESCRIPTION: Sealant

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for any additional exposure limit guidelines.

Chemical Name	CAS #	PERCENT	OSHA PEL
Toluene	108-88-3	10 - 30	TWA 100 ppm STEL 150 ppm
Mineral oil, white	8042-47-5	10 - 30	TWA Mist 5 MG/M3
Silica, amorphous fumed	112945-52-5	1 - 5	Not established
Aluminum metal	7429-90-5	1 - 5	TWA (as Al) (Respirable dust) 5 MG/M3 TWA (as Al) (Total dust) 15 MG/M3
Stoddard solvent	8052-41-3	1 - 5	TWA 100 ppm
Xylene	1330-20-7	0.1 - 1	TWA 100 ppm STEL 150 ppm

**SECTION 3: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

Highly flammable

Moderate to severe eye irritant.  
 Causes skin irritation.  
 Moderate respiratory tract irritant.  
 Harmful if swallowed.

HMIS RATING: HEALTH -- 2 FLAMMABILITY -- 3 REACTIVITY -- 0

2/6/2006

## MATERIAL SAFETY DATA SHEET

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See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

**EYE:** Eye contact may cause moderate to severe eye irritation. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

**SKIN:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**INHALATION:** Can cause moderate respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination. This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

**INGESTION:** Ingestion is not an anticipated route of exposure. Harmful if swallowed. Irritating to mouth, throat, and stomach.

### LONG-TERM (CHRONIC) HEALTH EFFECTS

**REPRODUCTIVE:** Contains a substance that is a probable reproductive hazard based on human studies.

**TARGET ORGAN(S):** Reproductive system Liver Central nervous system Lungs Kidneys

### REGULATED CARCINOGEN STATUS:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

**EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE:** Liver disease; Lung disease; Kidney disease; Blood disorders (like anemia)

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### SECTION 4: FIRST AID MEASURES

**IF IN EYES:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**IF ON SKIN:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**IF VAPORS INHALED:** Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.

**IF SWALLOWED:** Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

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### SECTION 5: FIRE FIGHTING MEASURES

<b>FLASH POINT:</b>	5C; 41F TCC
<b>AUTOIGNITION TEMPERATURE:</b>	Not established
<b>LOWER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>UPPER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>EXTINGUISHING MEDIA:</b>	Use water spray, foam, dry chemical or carbon dioxide.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Vapors are heavier than air and can travel to a source of ignition

2/6/2006

## MATERIAL SAFETY DATA SHEET

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SPECIAL FIRE FIGHTING INSTRUCTIONS: and flash back.  
Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide Aluminum oxide Metal fumes

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**SPECIAL PROTECTION:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

**CLEAN-UP:** Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.  
Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

### **SECTION 7: HANDLING AND STORAGE**

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**Handling:** Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.  
Keep away from heat, sparks and flame.  
Wash thoroughly after handling.  
Keep container closed.  
Emptied container retains vapor and product residue.  
Observe all labeled precautions until container is cleaned.  
Drums of this material should be grounded when pouring.  
**DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.**

**Storage:** Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed.

Consult the Technical Data Sheet for specific storage instructions.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**EYE PROTECTION:** Wear safety glasses with side shields when handling this product.  
Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

**SKIN PROTECTION:** Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.  
Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

**GLOVES:** Nitrile

**RESPIRATORY PROTECTION:** Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. NIOSH approved air purifying respirator with organic vapor cartridge.  
Respirators should be selected by and used following requirements

2/6/2006

**MATERIAL SAFETY DATA SHEET**

found in OSHA's respirator standard (29 CFR 1910.134).

**VENTILATION:**

Use local exhaust ventilation or other engineering controls to minimize exposures.

**EXPOSURE LIMITS:**

Chemical Name	ACGIH EXPOSURE LIMITS	AIHA WEEL
Toluene	TWA 50 ppm  Skin notation	Not established
Mineral oil, white	TWA Mist 5 MG/M3 STEL Mist 10 MG/M3	Not established
Silica, amorphous fumed	Not established	Not established
Aluminum metal	TWA (as Al) 10 MG/M3	Not established
Stoddard solvent	TWA 100 ppm	Not established
Xylene	TWA 100 ppm STEL 150 ppm	Not established

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Liquid
COLOR:	Aluminum
ODOR:	Solvent
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	7.7
SPECIFIC GRAVITY:	0.92
SOLIDS (% by weight):	72.5
pH:	Not established
BOILING POINT (deg. C):	Not established
FREEZING/MELTING POINT (deg. C):	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established
OCTANOL/WATER COEFFICIENT:	Not established

**SECTION 10: STABILITY AND REACTIVITY**

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Contamination
CHEMICAL INCOMPATIBILITY:	Strong oxidizing agents Acids Strong alkalis Chlorinated solvents
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide Aluminum oxide

2/6/2006

**MATERIAL SAFETY DATA SHEET**

Metal fumes

**SECTION 11: TOXICOLOGICAL INFORMATION**

CHEMICAL NAME	LD50/LC50
Toluene	Oral LD50 Rat = 636 mg/kg Inhalation LC50 Rat = 49000 mg/cu m/4H Dermal LD50 Rabbit = 14.1 ml/kg
Mineral oil, white	Not established
Silica, amorphous fumed	Oral LD50 Rat 3160 mg/kg
Aluminum metal	Not established
Stoddard solvent	Not established
Xylene	Oral LD50 Rat = 4300 mg/kg Inhalation LC50 Rat = 5000 ppm/4H Dermal LD50 Rat = 1700 mg/kg

TOXICOLOGY SUMMARY: No additional health information available.

**SECTION 12: ECOLOGICAL INFORMATION**

OVERVIEW: No ecological information available

- 254 g VOC/liter of material  
(VOC theoretically determined using EPA Reference method 24)
- 254 g VOC/liter of material, less water and exempt solvents  
(VOC theoretically determined using EPA Reference method 24)

**SECTION 13: DISPOSAL CONSIDERATIONS**

This product meets the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. It is ignitable waste class D001. Disposal via incineration is recommended. Consult your state, local, or provincial authorities for more restrictive requirements.

LAND DISPOSAL RESTRICTIONS: Toluene Xylenes (o-, m-, p- isomers)

**SECTION 14: TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information.

DOT: ADHESIVES,3,UN1133,PG.II

**SECTION 15: REGULATORY INFORMATION****INVENTORY STATUS**

- U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
- CANADIAN CEPA DSL: This product is in compliance with the Canadian Domestic Substance List requirements.
- EUROPEAN EINECS: This product is in compliance with the European Inventory of Notified and Existing Chemical Substances requirements.
- AUSTRALIA AICS: This product is in compliance with the Australian Inventory of Chemical Substances requirements.
- JAPAN ENCS: This product is in compliance with the Japanese Existing and New Chemical

2/6/2006

## MATERIAL SAFETY DATA SHEET

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### Substances requirements.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at 651-236-5858 (USA) or 450-655-1306 x227 (Canada) to request an export review.

### FEDERAL REPORTING

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
Toluene	108-88-3	10 - 30
Aluminum	7429-90-5	1 - 5
Xylene (mixed isomers)	1330-20-7	0.1 - 1

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

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D2A D2B

### STATE REPORTING

This MSDS is not prepared for distribution in California.

### **SECTION 16: ADDITIONAL INFORMATION**

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This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

Prepared by: Parr Technologies, LLC

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