

2/7/2006

**MATERIAL SAFETY DATA SHEET**

REVISION DATE: 2/7/2006

SUPERSEDES: 07/12/2005

**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: EP7206T  
 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
Oil, petroleum	64742-52-5	10 - 30	TWA * Mist 5 MG/M3
Aluminum silicate of potash and soda.	68476-25-5	10 - 30	TWA (as Al) (Respirable dust) 5 MG/M3 TWA (as Al) (Total dust) 15 MG/M3
Wax, polyethylene-polypropylene	9010-79-1	10 - 30	TWA * Fume 2 MG/M3
Calcium carbonate	471-34-1	10 - 30	TWA (Respirable dust) 5 MG/M3 TWA (Total dust) 15 MG/M3
Crystalline silica	14808-60-7	5 - 10	TWA (Respirable dust) 0.1 MG/M3
Zinc oxide	1314-13-2	5 - 10	TWA (Respirable dust) 5 MG/M3 TWA (Total dust) 10 MG/M3 TWA Fume 5 MG/M3 STEL Fume 10 MG/M3
Mica	12001-26-2	1 - 5	TWA (Respirable dust) 3 MG/M3
Carbon black	1333-86-4	0.1 - 1	TWA 3.5 MG/M3

\*These exposure limits are for mineral oil mist, a related material. \*These exposure limits are for paraffin wax fume, a related material.

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**SECTION 3: HAZARDS IDENTIFICATION**

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**EMERGENCY OVERVIEW**

Cancer hazard.

HMIS RATING: HEALTH -- 0 FLAMMABILITY -- 1 REACTIVITY -- 0

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

**POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY**

EYE: Can cause minor irritation, tearing and reddening.

SKIN: Can cause minor skin irritation, defatting, and dermatitis.

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

Overexposure to crystalline silica may cause silicosis. 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. Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**LONG-TERM (CHRONIC) HEALTH EFFECTS**

TARGET ORGAN(S): Lungs

**REGULATED CARCINOGEN STATUS:**

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

Crystalline silica

Carbon black

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease

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**SECTION 4: FIRST AID MEASURES**

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IF IN EYES: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.

IF SWALLOWED: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Do not give anything by mouth to an unconscious person.

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**SECTION 5: FIRE FIGHTING MEASURES**

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FLASH POINT: > 204 C (400 F) Cleveland Closed Cup  
AUTOIGNITION TEMPERATURE: Not established

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LOWER EXPLOSIVE LIMIT (% in air): Not established  
 UPPER EXPLOSIVE LIMIT (% in air): Not established  
 EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will burn in a fire.  
 SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.  
 HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide Metal fumes

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

SPECIAL PROTECTION: No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.  
 CLEAN-UP: Scrape up and place in disposal container.

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

**SECTION 7: HANDLING AND STORAGE**

Handling: No special handling instructions due to toxicity.

Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.

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

EYE PROTECTION: Wear safety glasses when handling this product.  
 SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves.  
 GLOVES: Not normally required. Use nitrile gloves if conditions warrant.  
 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 dust/mist filter. Respirators should be selected by and used following requirements 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
Oil, petroleum	TWA * Mist 5 MG/M3 STEL * Mist 10 MG/M3	Not established
Aluminum silicate of potash and soda.	TWA (as Al) (Total dust) 10 MG/M3	Not established
Wax, polyethylene-polypropylene	TWA * Fume 2 MG/M3	Not established
Calcium carbonate	TWA 10 MG/M3	Not established

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Crystalline silica	TWA (Respirable dust) 0.05 MG/M3	Not established
Zinc oxide	TWA (Respirable dust) 2 MG/M3 STEL (Respirable dust) 10 MG/M3	Not established
Mica	TWA (Respirable dust) 3 MG/M3	Not established
Carbon black	TWA 3.5 MG/M3	Not established

\*These exposure limits are for mineral oil mist, a related material. \*These exposure limits are for paraffin wax fume, a related material.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Solid
COLOR:	Black
ODOR:	Neutral
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	10.8
SPECIFIC GRAVITY:	1.3
SOLIDS (% by weight):	Not applicable
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.
CHEMICAL INCOMPATIBILITY:	Not established
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide Metal fumes

**SECTION 11: TOXICOLOGICAL INFORMATION**

CHEMICAL NAME	LD50/LC50
Oil, petroleum	Not established
Aluminum silicate of potash and soda.	Not established
Wax, polyethylene-polypropylene	Not established
Calcium carbonate	Oral LD50 Rat = 6450 mg/kg
Crystalline silica	Not established

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Zinc oxide	Oral LD50 Mouse > 950 mg/kg Inhalation LC50 Mouse = 2500 mg/cu m (no duration specified)
Mica	Not established
Carbon black	Oral LD50 Rat >15400 mg/kg Dermal LD50 Rabbit > 3 g/kg

TOXICOLOGY SUMMARY: No additional health information available.

**SECTION 12: ECOLOGICAL INFORMATION**

OVERVIEW: No ecological information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

**SECTION 14: TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED

IATA: NOT REGULATED

**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.

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).

**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#	%
Zinc compounds	1314-13-2	5 - 10

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

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**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

Phone: 574-264-9614

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