MATERIAL DATA SAFETY SHEET

SECTION I

MANUFACTURER'S NAME	Parks Corporation	**CHEMICAL NAME & SYNONYMS**	Urethane Alkyd
STREET ADDRESS	One West Street	**CHEMICAL FAMILY**	Poly-urethane
CITY, STATE & ZIP	Fall River, MA 02720	**TRADE NAME**	**PRO FINISHER OIL-BASE POLYURETHANE SEMI-GLOSS**
EMERGENCY TELEPHONE	(508) 679-5938		
		SIZES/CODES	5 Gallon #13-0532 Gallon #13-0533 Quart #13-0534
		FORMULAS	N.A.
		REVISED	**04/18/00**

SECTION II – HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS

HAZARDOUS INGREDIENTS	CAS #	%	TLV (PPM)	PEL (PPM)
Aliphatic Hydrocarbons (Stoddard Type)	8052-41-3	48-53	100	100
Silicon Dioxide	112926-00-8	3-8	10mg/m^3	6mg/m^3

SECTION III – PHYSICAL DATA

BOILING POINT (°F)	315°F - 380°F	**SPECIFIC GRAVITY (60°F/60°F)**	0.902
VAPOR PRESSURE	2 mmHg @ 20°C	**PERCENT VOLATILE**	
VAPOR DENSITY (AIR = 1)	Greater than 1	**BY VOLUME (%)**	56%
SOLUBILITY IN WATER	Negligible	**EVAPORATION RATE**	Less than 1
APPEARANCE	Brownish/Cloudy	**(ETHER = 1)**	
ODOR	Characteristic	**V.O.C.**	450 g/l

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

HMIS RATING

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0 PROTECTION: D

FLASH POINT (METHOD USED): 102°F (T.C.C.)

FLAMMABLE LIMITS

LEL: 1%

EXTINGUISHING MEDIA: Regular foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Never use welding or cutting torch on or near containers (even empty) because product (even just residue) can ignite explosively. Keep containers tightly closed and isolate from heat. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

SECTION V – HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: 100 PPM.

THRESHOLD LIMIT VALUE: 100 PPM. See Section II.

EFFECTS OF ACUTE OVEREXPOSURE

EYES: Exposure may cause mild eye irritation. Symptoms may include stinging, tearing and redness.

SECTION V – HEALTH HAZARD DATA (CONT'D)

SKIN: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking and skin burns. Pre-existing skin disorders may be aggravated by exposure to this material. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INHALATION: Exposure to vapor or mist is possible. Short-term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: Irritation (nose, throat, respiratory tract), pre-existing lung disorders (e.g., asthma-like conditions) may be aggravated by exposure to this material and central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

INGESTION: Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. Symptoms may include: Gastrointestinal irritation (nausea, vomiting, diarrhea) and central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness). This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

INHALATION: If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention. Keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

INGESTION: Do not induce vomiting. This material is an aspiration hazard. If individual is drowsy or unconscious, place on left side with the head down. Seek medical attention. If possible, do not leave individual unattended.

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact, eye contact.

EFFECTS OF CHRONIC OVEREXPOSURE: Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by IARC, NTP or OSHA.

SECTION VI – REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Cannot occur.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
SMALL SPILL: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

LARGE SPILL: Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.

WASTE DISPOSAL METHOD
SMALL SPILL: Dispose of in accordance with all local, state and federal regulations.

LARGE SPILL: Dispose of in accordance with all applicable local, state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

RESPIRATORY PROTECTION: Self-contained breathing apparatus for concentrations above TLV limits.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Wear chemical splash goggles.

OTHER PROTECTIVE EQUIPMENT: Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

SECTION IX – STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Store away from heat, sparks and open flame. Avoid prolonged skin contact. Do not breathe spray mist.

OTHER PRECAUTIONS: Ground containers when pouring and limit free-fall to a few inches to prevent static sparks. Avoid spontaneous combustion of contaminated rags or other easily ignitable organic accumulations by immediate immersion in water. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.

OTHER REGULATORY INFORMATION: The State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65) develops a list of chemicals that require specific warnings relating to cancer and/or reproductive toxicity. This product contains the following chemicals subject to the reporting requirements of the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65).

CHEMICAL	CAS #	QUANTITY
*Benzene	71-43-2	<2 PPM
*Toluene	108-88-3	70 PPM

The warning on the product states:

WARNING: USE OF THIS PRODUCT WILL EXPOSE YOU TO BENZENE WHICH IS KNOWN TO CAUSE CANCER AND TO TOLUOL WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

***Not included in Section II as this chemical is less than .1% of the formula.**

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