MATERIAL DATA SAFETY SHEET

SECTION I

MANUFACTURER'S NAME	Parks Corporation	**CHEMICAL NAME & SYNONYMS**	Mixture
STREET ADDRESS	One West Street	**CHEMICAL FAMILY**	Nitrocellulose Lacquer
CITY, STATE & ZIP	Fall River, MA 02720	**TRADE NAME**	**PARKS LACQUER SANDING SEALER (CA)**
EMERGENCY TELEPHONE	(508) 679-5938	**SIZES/CODES**	Gallon #1013 Quart #1014
		FORMULAS	N.A.
		REVISED	**06/28/01**

SECTION II – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	% WT	TLV ACGIH PPM	PEL OSHA PPM
DiMethyl Ketone (2-Propanone) (Acetone)	67-64-1	>34	500	750
Toluene* (Toluol) (Methyl Benzene)	108-88-3	16-21	50	100
Nitrocellulose	9004-70-0	>13	N.A.	N.A.
Isobutyl Isobutyrate (IBIB)	97-85-8	>11	N.A.	N.A.
Buytl Acetate (Acetic Acid, Butyl Ester) (Butyl Ethanoate)	123-86-4	>12	150	150
Butanol* (Butyl Alcohol)	71-36-3	6-11	N.A.	50
Dilsononyl Phthalate	68515-48-0	>10	5.0	N.A.
Isopropanol (Isopropyl Alcohol)	67-63-0	>38	400	400
Zinc Stearate*	557-05-1	2-7	N.A.	N.A.
Ethyl Acetate	141-78-6	>7	400	400

***SARA TITLE III, SECTION 313.**

SECTION III – PHYSICAL DATA

BOILING POINT (°F)	133 - 304°F	**SPECIFIC GRAVITY (H_20=1)**	.91
VAPOR PRESSURE @ 20°C	60 mmHg	**PERCENT VOLATILE BY VOLUME (%)**	77.91%
VAPOR DENSITY (AIR=1)	Heavier		
SOLUBILITY IN WATER	Negligible	**EVAPORATION RATE (ETHER=1)**	Slower
APPEARANCE	Lt. Amber, Opaque		
ODOR	Lacquer Type	**V.O.C.**	550 g/l

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

HMIS RATING

HEALTH: 2; FLAMMABILITY: 4; REACTIVITY: 0; PERSONAL PROTECTION: H

FLASH POINT (METHOD USED): -4°F (-20°C)

FLAMMABILITY CLASS (OSHA): Flammable liquid, IB.

FLAMMABLE LIMITS

LEL: 1.2%

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure buildup, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus, is needed to protect fire fighters from exposure to coatings' hazardous ingredients and hazardous decomposition products.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI) may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Causes eye burns. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation. May cause lung injury. May affect the brain or nervous system causing dizziness, headache or nausea. Harmful if inhaled.

Other effects of overexposure may include dizziness, narcosis, pneumoconiosis, drying of nasal mucosa, anesthesia, fatigue, vomiting, weakness, asphyxia, drowsiness, gastritis, shortness of breath, unconsciousness, inflammation of the mucous membranes of the nose and throat, reduced visibility, deposits in eyes, dermatitis, diarrhea, dehydration to skin, loss of coordination, irregular heartbeat, lacrimation, edema, pneumonia.

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

MEDICAL CONDITIONS THAT CAN BE AGGRAVATED: Pulmonary conditions, skin disorders.

CHRONIC HEALTH HAZARDS: Repeated overexposure to this product may cause central nervous system damage, liver abnormalities, lung damage, spleen damage, birth defects.

In accordance with 29CFR1910.1200, this product contains no ingredients listed by NTP, IARC or OSHA as carcinogenic.

NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, given oxygen. Get medical attention.

EYES: Flush with water for at least 15 minutes and get medical attention.

SKIN: Flush with water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes.

INGESTION: Get medical attention immediately.

SECTION VI – REACTIVITY DATA

STABILITY: Stable under nonemergency conditions.

INCOMPATIBLITY (MATERIALS TO AVOID): Alkali, acids, oxidizers, amines, oxygen, chlorinated solvents, aldehydes, liquid chlorine, sodium hypochlorite, calcium hypochlorite, alkanolamines, ammonia, reducing agents, halogenated solvents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, oxides of nitrogen. Hydrogen cyanide, toxic fumes, fumes, various hydrocarbons, aldehydes, acids, peroxides.

CONDITIONS TO AVOID: Heat, open flame, sparks, light.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear appropriate safety equipment as listed in Section VIII. Absorb on inert material and dispose of as below.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations. Incineration is the preferred method of disposal.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section II.

PROTECTIVE GLOVES: Chemical resistant, protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION: Face shield should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided. Rubber apron should be worn.

HYGIENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

SECTION IX – STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: All equipment should be grounded. Keep containers closed when not in use. Store in a clean, dry area. Store away from ignition sources. Store in well-ventilated area. Avoid exposure to light. Avoid strong oxidizing agents.

OTHER PRECAUTIONS: All precautions must be observed. Empty container may retain product residues (vapor or liquid).

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
Toluene	108-88-3	15.8% by weight
Benzene**	71-43-2	40 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 TOLUENE 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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