

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PARKELL PRODUCTS INC.
155 Schmitt Blvd.
Farmingdale, NY 11735

Company Telephone Number: (516) 249-1134
24-Hour Emergency Phone: InfoTrac 1-800-535-5053

PRODUCT NAME: VINYL POLYSILOXANE TRAY ADHESIVE

MSDS NO: S446

SECTION 2 – COMPOSITION INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NUMBER</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Mixture of Aliphatic Hydrocarbons Silicone resin & solvent	65742-49-0			

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: None, if handled according to directions.

POTENTIAL HEALTH EFFECTS

EYES: Liquid contact may cause irritation and tissue damage.

SKIN: May cause dermatitis after prolonged contact. May be harmful if absorbed through skin.

INHALATION: Harmful by inhalation.

INGESTION: May cause nausea, vomiting, dizziness and stomach irritation.

CHRONIC EFFECTS: With prolonged exposure possible risks of irreversible effects.

SIGNS & SYMPTOMS:

CARCINOGENECITY: NTP? IARC MONOGRAPHS? OSHA?

SECTION 4 – FIRST-AID MEASURES

INHALATION: Take patient to open air. Let sit down calmly.

EYES: Immediately rinse with plenty of water, consult a physician.

SKIN: Wash with soap and water.

INGESTION: DO NOT induce vomiting. Give two glasses of milk or water and immediately seek medical advice.

NOTE TO PHYSICIANS:

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (TCC): > -25°C FLAMMABLE LIMIT (air, % by vol.) UPPER: % LOWER: %

IGNITION TEMPERATURE: >270°C

EXTINGUISHING MEDIA: Powder, sand, foam, and carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: Direct jet of water is NOT suitable for extinguishing media.

UNUSUAL FIRE & EXPLOSION HAZARDS: Flammable. May form explosive vapor-air mixture.

HAZARDOUS COMBUSTION PRODUCTS:

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Keep away from sources of ignition – No Smoking. Take up mechanically, with inert fluid-binding material.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Keep away from sources of ignition – No Smoking. Take precautionary measures against static discharges. Use explosion-protected devices. Keep container tightly closed in a well-ventilated place. Wear suitable gloves. Avoid contact with eyes. Do not empty into drains.

STORAGE: Keep container in a well-ventilated place. Keep container tightly closed in a dark, cool place. Container should be made of glass or metal.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only in well ventilated areas.

EYE/FACE PROTECTION: Goggles.

SKIN PROTECTION: Rubber gloves.

RESPIRATORY PROTECTION: Do not breathe vapor. Breathing mask filter type A (if TLC is exceeded).

EXPOSURE GUIDELINES: MAK-TCL Value: 50ppm (hexane)

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Blue liquid with sweetish odor.

BOILING POINT: > ca. 60 °C

VAPOR PRESSURE: 190 mbar/20°C

VAPOR DENSITY (Air = 1): >1

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (H₂O = 1):

PERCENT VOLATILES:

EVAPORATION RATE (Butyl Acetate = 1):

PH:

0.8 g/cm³

0.8-8 % vol.

NA

SECTION 10 – STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No decomposition, if handled & stored according to directions. HAZARDOUS POLYMERIZATION: None, if handled and stored according to directions.

CONDITIONS TO AVOID: Heat, light, naked flame.

INCOMPATIBILITY (Materials to avoid):

HAZARDOUS DECOMPOSITION PRODUCTS: In case of fire – carbon monoxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD₅₀ (rat) > 2000mg/kg.

Irritation of skin: Irritation possible.

Irritation of eye: Irritation possible.

SECTION 12 – ECOLOGICAL INFORMATION

Do not discharge into drains or the environment, dispose of in accordance with applicable local, state, and federal regulations. Solvent: rapid photochemical oxidation at the air.

Ecotoxicity: Fish toxicity LC₅₀ > 4480 mg/l (hexane) Toxic effects on aquatic organisms possible.

SECTION 13 – DISPOSABLE CONSIDERATIONS

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

SECTION 14 – TRANSPORT INFORMATION (not meant to be all-inclusive)

PROPER SHIPPING NAME: Hydrocarbons, Liquid, n.o.s.

DOT HAZARD LABEL: Flammable Liquid

UN/NA NUMBER: 3295

REGULATIONS FOR AIR: ICAO/IATA-DGR: Class 3

SECTION 15 – REGULATORY INFORMATION (not meant to be all-inclusive)**SECTION 16 – OTHER INFORMATION**

NFPA CODES: HEALTH - 2 FLAMMABILITY - 3 REACTIVITY - 0

WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking or smoking.

DATE PREPARED: 10/25/02

PREPARED BY: R. Burke

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