

VINYL TRAY ADHESIVE

MATERIAL SAFETY DATA SHEET

DEFEND Item
Code #VP

IDENTIFICATION				
Manufactured for:	MYDENT INTERNATIONAL			
Address:	80 Suffolk Court			
City, State, Zip:	Hauppauge, NY 11788			
Telephone:	631-434-7760			
Date Prepared:	04/20/2005			
Chemical Name:	Silicone Adhesive (Adhesive for Vinyl Silicone)			
HAZARDOUS INGREDIENTS				
ITEM	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
RECOMMENDED				
Hazardous/Toxic Components (CAS #):				
Petroleum Ether (8032-32-4)				
Xylene (1330-20-7)				
All ingredients are listed on the Canadian Domestic Substance List (DSL)				
Hazard Rating (NFPA):				
HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0 SPECIFIC: N/A				
Non-Hazardous Components (CAS #):				
Silicone Fluid				
AS PER OSHA HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200				
PHYSICAL DATA/CHEMICAL CHARACTERISTICS				
Appearance and Odor: Red color viscous fluid with aromatic odor				
Boiling Point: >80°C				
Volatile (by weight %):	Not Available			
Vapor Pressure (mm Hg.):	Not Available			
Melting Point:	Not Available			
Vapor Density (AIR – 1):	Not Available			
Evaporation Rate (Butyl Acetate – 1):	Not Available			
Solubility in Water (H₂O)::	Insoluble in water; miscible with most organic solvents.			
Specific Gravity (H₂O – 1):	0.80 @ 20°C			
pH:	Not Applicable			
FIRE AND EXPLOSION HAZARD DATA				
Flash Point (Method Used): ca. -9°C				
Flammable Limits: Flammable				
Extinguishing Media: Water is NOT recommended; Use Foam, Powder, or Carbon Dioxide.				
UEL: N/A	LEL: N/A			
Special Fire Fighting Procedures: Appropriate protective equipment must be worn in case of fire; Solvent vapors may form explosive mixtures with air; Vapors may travel to source of ignition and flash back.				
Unusual Fire & Explosion Hazards or Procedures: As above				
REACTIVITY DATA				
Stability: Stable				
Conditions to Avoid: Keep away from heat, flame or sparks; Acute toxicity = LD50 (oral/rat – 4300 mg/kg(xylene))				
Incompatibility (Material to Avoid): Avoid all potential ignition sources.				
Hazardous Decomposition of Byproducts: None to our knowledge.				
Hazardous Polymerization: N/A				
TRANSPORTATION: (DOT info if Applicable)				
This is a flammable material according to DOT regulations.				

HEALTH HAZARD DATA	
EFFECTS OF OVEREXPOSURE:	
Routes of Entry=	
Skin: May cause irritation or dermatitis on skin exposure.	
Eyes: May cause severe eye irritation.	
Ingestion: Harmful if ingested with both acute and possible chronic affects; Ingestion may cause nervous system disturbances.	
Inhalation: May cause dizziness, headache, nausea and mental confusion if inhaled.	
SIGNS AND SYMPTOMS OF EXPOSURE	
Skin: Irritation	
Eye: Irritation	
Ingestion: Harmful if ingested with both acute and possible chronic affects; Ingestion may cause nervous system disturbances.	
Inhalation: May cause dizziness, headache, nausea and mental confusion if inhaled.	
Medical Conditions Generally Aggravated by Exposure: N/A	
EMERGENCY AND FIRST AID PROCEDURES	
Skin: Wipe off with towel; Wash skin with plenty of water and soap; If irritation develops, seek medical attention.	
Eyes: Flush immediately with plenty of water (for at least 15 minutes); If irritation persists, see eye doctor.	
Ingestion: Seek medical attention immediately.	
Inhalation: Remove to fresh air; Seek medical attention if adverse health effects are experienced.	
PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to be taken in case material is released or spilled: Eliminate all ignition sources; Contain and absorb spilled material using an appropriate solvent spill absorbent; Collect in a suitable container for disposal.	
Waste Disposal Method: Material can be burned in approved incinerator in accordance with federal, state and local regulations.	
Precautions to be Taken in Handling and Storing: Product should only be handled by dentists, or upon their instructions; Wear appropriate protective equipment and clothing; Provide adequate ventilation; Prevent contact with skin and eyes; Avoid inhalation or ingestion.	
Storing: Store in a cool safe area away from ignition sources; Keep container closed at all times; Keep away from heat, flame or sparks; Store in supplied packaging (keep container tightly closed); Store upright	
Other Precautions: For Cleaning & Decontamination: Residual material should evaporate from impervious surfaces; Do not flush into sewer system.	
CONTROL MEASURES	
Respiratory Protection (Specify Type):	
VENTILATION: Ensure adequate ventilation when handling.	
Local Exhaust: N/A	
Mechanical (General): N/A	
Protective Gloves: Impervious gloves are recommended.	
Eye Protection: Recommended	
Other Protective Clothing or Equipment: Recommended	
Other Work / Hygiene Practices: N/A	
CARCINOGENICITY	
NTP:	N/A
IARC Monographs:	N/A
OSHA Regulated:	N/A
SPECIAL INFORMATION	
24 hr EMERGENCY TELEPHONE NUMBER:	
Note: MYDENT INTERNATIONAL has compiled this data based on the research and input of qualified experts in the field of microbiology, chemistry and quality assurance. The data are not to be taken as a warranty or representation for which MYDENT INTERNATIONAL assumes legal responsibility. They are offered only for your consideration and verification.	