

## 1. Chemical Product and Contact Information

**Product Name:** Correct VPS® Impression Tray Adhesive  
**Material Safety Sheet Number:** 00051  
 Date of Issue: 04/23/99  
 Revision Date: 03/25/10  
**Company Identification:** Pentron Clinical  
 1717 West Collins Ave.  
 Orange, CA U.S.A. 92867  
 Phone: 800-551-0283  
 203-265-7397  
**Emergency Information Chemtrec:** 800-424-9300  
**Chemtrec International:** 202-483-7616

## 2. Composition/Information on Ingredients

**Chemical Characteristics:** Silicone adhesive.  
**Description:** Unknown.  
**Hazardous Components:** Hexane.

This material has not been evaluated as a whole. The following information is related to the individual components in their pure form, not necessarily in the form they are currently in.

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Hexane	110-54-3	1800	176

## 3. Hazard Identification

**Risk Identification:** Extremely flammable liquid and vapor.  
**Special risks for human beings and environment:** Harmful or fatal if swallowed. Harmful if inhaled. Can cause irritation to skin, eyes, and respiratory tract. Affects the central and peripheral nervous system.  
**Classification:** Unknown.

## 4. First Aid Measures

**Contact with eyes:** Immediately flush with plenty of water for at least 15 min. Lift eyelids occasionally. Seek medical attention immediately.  
**Contact with skin:** Remove any contaminated clothing. Wipe off excess from skin. Wash with soap and water for at least 15 min. Seek medical attention if irritation develops or persists.  
**After ingestion:** Aspiration hazard. If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

## 5. Fire Fighting Measures

**Extinguishing media:** Dry chemical, foam, or carbon dioxide.  
**Protective equipment:** Wear full protective clothing and NIOSH approved self contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.  
**Other:** Water spray may be used to keep fire exposed containers cool. Vapors can flow along surfaces to a distant ignition source and flash back. Vapor explosion hazard exists indoors, outdoors, or in sewers.

## 6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Dispose in accordance with local and Federal regulations.

## 7. Handling and Storage

**Storage:** Store at ambient temperature. Do not store in high heat areas. Store away from food stuffs.

## 8. Exposure Controls/Personal Protection

### Ventilation system:

A system of local and/or general exhaust is recommended to keep personnel exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersal of it into the general work area. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

### Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded, wear a supplied air, full-facepiece respirator, airlined hood or full-facepiece self-contained breathing apparatus. This substance has poor warning properties.

### Skin protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron, or coveralls as appropriate to prevent skin contact.

### Eye protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye-wash fountain and quick-drench facilities in work area.

**9. Physical and Chemical Properties**

Appearance:	Form:	Low viscous liquid.
	Color:	Green/blue.
	Odor:	Light odor.
Boiling point:		ca. 68°C (ca. 154°F).
Flash point:		-23°C (-10°F).
Autoigniton temperature:		Unknown.
Danger of explosion:		Unknown.
Density:		0.8 g/cm <sup>3</sup> .
Vapor Pressure:		(20°C, MMHG)<180.
Viscosity:		Low viscous liquid.
pH:		Not applicable
Solubility in/miscibility with:		Soluble in toluene, petroleum ether.
Water:		Insoluble.
Content of solids:		20-60%.

**10. Stability and Reactivity**

Hazardous thermal decomposition/combustion products:	Carbon monoxide, Carbon dioxide, Silicon dioxide, Formaldehyde, Aldehydes.
Incompatibility (with other substances):	Contact with oxidizing agents, avoid halogens.

**11. Toxicological Information**

N-Hexane: Oral rat LD50: 28710 mg/kg. Irritation eye rabbit: 10 mg mild.	
Investigated as a tumorigen, mutagen, and reproductive effector.	
NTP carcinogen	
Known:	No.
Anticipated:	No.
IARC category:	None.

**12. Ecological Information**

Ecotoxicological information:	No data at this time.
Chemical fate information:	No data at this time.

**13. Disposal Considerations**

Dispose of in accordance with federal, state, and local regulations.

**14. Transport Information**

Follow the DOT regulations for the proper shipment of a commodity quantity.

**15. Regulatory information**

Classification according to EEC guidelines:	Unknown.
National Prescriptions:	Unknown.
Classification according to VbF:	Unknown.

**16. Other Information**

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