

1. Chemical Product and Contact Information

Product Name: TempSpan® Transparent Temporary Cement
Material Safety Sheet Number: 00344
Date of Issue: 08/17/09
Revision Date:
Company Identification: Pentron Clinical
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2. COMPOSITION INFORMATION

Hazardous Ingredients	CAS#	PEL	TLV	%
Dibutyl Phthalate	84-74-2	5mg/m3	5mg/m3	13-17
Uncured Urethane Diacrylate Ester Monomers (UDA)	NA*	N/A	N/A	35-43
Uncured Urethane Diacrylate Ester Monomers (UDA)	NA*	N/A	N/A	50-60

*CAS I.D. # s are not issued to mixtures. UDA is a mixture of isomers having various molecular weights. Other Ingredients Non-hazardous inert mineral fillers, non-hazardous activators and stabilizers.

3. Physical and Chemical Properties

Boiling Point: N/D
Specific Gravity (H2O = 1): 2.5
Vapor Pressure (mm Hg): N/D
Vapor Density (AIR = 1): N/D
Solubility in Water: Insoluble
Reactivity in Water: N/A
Appearance and Odor: Colored paste with fruity ester-like odor.

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/D
Flammable Limits: LEL: N/A UEL: N/D
Extinguishing Media: Chemical foam, CO2, dry chemical
Special Fire Fighting Procedures: Wear self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Heat can cause polymerization with rapid release of energy.

5. REACTIVITY DATA

Stability: Stable if stored as directed.
Incompatibility (Material to Avoid): Reducing and oxidizing agents, peroxides and amines.
Hazardous Decomposition Products: Oxides of carbon
Hazardous Polymerization: May occur
Conditions to Avoid: Heat, light, aging and sources of contamination.

6. HEALTH HAZARD DATA

Routes of Entry:
Skin: Prolonged or repeated exposure to uncured material may cause irritation or skin rash especially in sensitive individuals.
Eyes: May cause irritation and damage if not removed promptly.
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion: Uncured material may be harmful if swallowed.
Carcinogenicity - NTP: No
IARC Monographs: No OSHA Regulated Carcinogen: No

7. EMERGENCY FIRST AID PROCEDURES

Skin:	Wash thoroughly with soap and water.
Eyes:	Flush with water for 15 minutes including under eyelids.
Inhalation:	Remove to fresh air. Get medical attention if discomfort persists.
Ingestion:	Rinse mouth out with water. Do not induce vomiting. Seek medical attention.

8. PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled:	Absorb spills with inert material. Keep spilled material out of sewers.
Waste Disposal Method:	Unpolymerized (uncured) material may be RCRA hazardous waste. Incinerate uncured material in accordance with all federal, state and local regulations.
Precautions to be taken in handling and storing:	Store in a cool, dry place away from heat light and ignition.

9. CONTROL MEASURES

Respiratory Protection (Specify Type):	Avoid prolonged or excessive breathing of vapors of uncured material.
VENTILATION: Local Exhaust:	Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material. Good general ventilation recommended.
Mechanical (General): Protective Gloves:	Protective gloves recommended when contacting uncured material.
Eye Protection: Other Protective Clothing or Equipment: Work/Hygiene Practices:	Safety glasses recommended. N/A Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure to uncured material.

10. TRANSPORTATION INFORMATION

Not DOT regulated.

11. SPECIAL INFORMATION

HMIS(Hazardous Material Identification System) Rating:

H2 F1 R2 PPE-Gloves and safety glasses. Hazard information relates only to uncured material.

[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard; 2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

Note: Hazard information contained on this MSDS form relates only to material in its uncured state. Thorough biocompatibility and toxicity testing of the cured material and its extracts have demonstrated that the material is non-toxic.

12. Other Information

Revision Summary:

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Pentron Clinical Technologies, LLC, however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Pentron Clinical Technologies, LLC, be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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