

# MATERIAL SAFETY DATA SHEET

THE CHAMPION COMPANY  
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Springfield, Ohio 45505  
EMERGENCY TELEPHONE NO. (937) 324-5681

HAZARD RATING  
Health 1  
Fire 3  
Reactivity 0  
Special 0

## I. PRODUCT INFORMATION

General Type: External sealing composition, embalming  
Trade Name: Suture Seal

## II. HAZARDOUS INGREDIENTS

<u>MATERIAL (CAS)</u>	<u>%</u>	<u>OSHA PEL TWA/STEL (15)</u>	<u>ACGIH TLV TWA/STEL (15)</u>
Acetone (67-64-1)	25%	1000ppm/NONE	500ppm/750ppm

## III. PHYSICAL DATA

Boiling Point, 760 mm. Hg	133°	Freezing Point	N/A
Specific Gravity (H <sub>2</sub> O = 1)	1.06	Vapor Pressure at 20°	Unknown
Vapor Density (air = 1)	1	Solubility in water %by wt. At 20° C.	Only partially
Percent volatiles by volume	24 - 26	Evaporation rate (Butyl Acetate = 1)	6

## IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point	20°F (COC)	Extremely flammable
Flammable Limits In Air	Lower 6.7	Upper 72
Extinguishing Media	Foam, dry chemical, carbon dioxide, water spray	
Special Fire Fighting Procedures	Wear self-contained breathing apparatus. Cool container with water spray.	
Unusual Fire and Explosion Hazard	Keep away from heat, sparks and open flame.	

## V. HEALTH HAZARD DATA

Threshold Limit Value	See Part I
Effects of Overexposure	Swallowing the liquid causes inebriation, headache, nausea, and vomiting leading to severe illness, blindness, and perhaps death. Liquid causes eye irritation. Breathing vapors may cause drowsiness, nausea, and vomiting.
Emergency and First Aid	Eyes-Call physician: Immediately flush with plenty of water. Skin - Wash with soap & water; flush for about 15 min. Inhalation - Remove to fresh air; give oxygen or artificial respiration. Ingestion-Induce vomiting; give milk freely if conscious.

## VI. REACTIVITY DATA

Stability	Product is stable
Conditions to Avoid	Sparks, heat and Fires
Incompatibilities	Oxidants (acids)
Hazardous Decomposition Products	At elevated temperatures, releases, carbon dioxide, carbon monoxide.
Hazardous Polymerization	Will not occur

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## VII. SPILL OR LEAK PROCEDURES

If Material is Spilled	Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material; allow volatile portion to evaporate out of doors. Place residue in closed container.
Waste Disposal Method	Incinerate, dispose in sanitary landfill or flush to waste water treatment system.

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## VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection	Unnecessary if area is adequately ventilated - use organic vapor mask if necessary.
Local Ventilation	Preferred
Mechanical Ventilation	Acceptable if necessary
Special Ventilation	Not normally required
Other Ventilation	Not normally required
Protective Gloves	Impervious nitrile or butyl type
Eye Protection	Coverall goggles or full face shield
Other Protective Equipment	Safety shower, eye bath and apron.

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## IX. SPECIAL PRECAUTIONS

Maintain adequate ventilation, i.e., have proper engineering control system to keep concentration below OSHA limits (1,000 ppm).

Causes irritation of skin, eyes, nose, and throat. Avoid prolonged inhalation or contact with skin.

Other handling and storage conditions: Keep bottles tightly capped. Keep away from heat; store at temperatures no lower than 45° F nor higher than 110° F.

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The information herein given is in good faith but no warranty, expressed or implied, is made, except that to the best of the Company's knowledge it is accurate. The Champion Company does not assume any legal responsibilities for use or dependence upon same. Customers may wish to conduct tests of their own. The user is urged to read the information provided on the label before using product.

Suture Seal

Date July 2004

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