



**1. Chemical Product and Contact Information**

**Product Name:** Splint-It® Resin Reinforced Fiber Splinting System  
**Material Safety Sheet Number:** 00053  
**Date of Issue:** 4/4/97  
**Revision Date:** 12/15/00  
**Company Identification:** Pentron Clinical Technologies, LLC  
P.O. Box 724  
Wallingford, CT U.S.A. 06492  
**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:** Mixture of dental methacrylate resins, S2 glass fibers (volume fraction: 38-40%), photo and heat curing agents, and pigments.  
**Description:**  
**Hazardous components:** None known.  
**CAS NR:** Name: % R-classification:

**3. Hazard Identification**

**Risk identification:** None known.  
**Special risks for human beings and environment:** None known.  
**Classification:** Not Hazardous. Those people known to be allergic to methacrylate resins should avoid the use of this product.

**4. First Aid Measures**

**General information:**  
**After skin contact:** Prolonged skin contact causes severe irritation. Wash with soap and water. If irritation persists, seek medical advice.  
**After eye contact:** Causes irritation; may cause temporary corneal damage. Immediately flush eyes with copious amounts of water and continue washing for several minutes. Contact an ophthalmologist.  
**After swallowing:** May cause headache, nausea, vomiting, mouth, throat, esophagus and stomach irritation. Seek medical advice immediately.

**5. Fire Fighting Measures**

**Extinguishing media:** Chemical foam, CO2, water or dry chemical.  
**Protective equipment:**

**6. Accidental Release Measures**

**Personal precautions:** Unknown.  
**Environmental precautions:** Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment.  
**Methods for cleaning up:** Incineration according to Federal, State, and local regulations.  
**Additional information:** Unknown.

**7. Handling and Storage**

**Handling:** Always handle with care.  
**Handling procedures:** Store material below 80°F away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.  
**Recommendation for fire and explosion protection:** Firefighters should wear a self-contained breathing apparatus and full protective clothing.  
**Storage:** Store in a cool, dry place.

**8. Exposure Controls/Personal Protection**

**Additional information for technical plants:**  
**Components with limits of values to be supervised at the workplace:**  

CAS-Nr.	Name	%	Art	Value	Unit
The product contains no relevant quantities of components with limits of values to be supervised at the workplace.					

**Additional information:**  
**Personal protective equipment:** Protective gloves, goggles are recommended.  
**General measure of protection and hygiene:** Normal hygienic measures.  
**Respiration:** Wear NIOSH approved respirators to prevent breathing dusts and fiber.  
**Hands:** Wash hands after using and before eating, drinking and smoking. Keep away from heat and flames.  
**Eyes:** OSHA approved goggles.



**9. Physical and Chemical Properties**

Appearance: Form: Combination of solid/liquid.  
Color: Clear and shades A, B, C and D.  
Odor: Moderate ester, sweet.

	Value	Unit	Method
Information on change in the physical state			
Melting point/melting range:	Unknown.		
Boiling point/boiling range:	Unknown.		
Flash point:	Unknown.		
Autoignition temperature:	Unknown.		
Danger of explosion:	Unknown.		
Density:	Unknown.		
Vapor pressure:	Unknown.		
Viscosity:	Unknown.		
pH:	Not applicable.		
Solubility in/miscibility with Water:	Not applicable.		
Content of solvents:	Unknown.		
Organic solvents:	Unknown.		
Content of solids:	≥ 60%		

**10. Stability and Reactivity**

Incompatibility with other substances: Stable.  
Hazardous decomposition products: Unknown.

**11. Toxicological Information**

Carcinogenicity: NTP: not listed.  
IARC Monographs: not listed.  
OSHA Regulated: not listed.  
TLV: Unknown.  
Primary Routes of entry: Inhalation/ingestion, skin, and eyes.

**12. Ecological Information**

General information: Unknown.  
Classification of water endangerment: Unknown.

**13. Disposal Considerations**

Disposal consideration: Incineration in accordance with Federal, State, and local regulations.

**14. Transport Information**

Not classified as dangerous goods.

**15. Regulatory information**

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

**16. Other Information**

Revision Summary: This MSDS was placed into the ANSI Z400. 1-1998 standard on December 15, 2000.

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