

1. Chemical Product and Contact Information

Product Name: **Epiphany™ Primer**

Material Safety Sheet Number: **00188**
Date of Issue: 09/12/03
Revision Date: 06/29/04

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 Chemtec: **800-424-9300**
Chemtec International: **202-483-7616**

2. Composition/Information on Ingredients

Chemical characteristics: Acidic monomer solution in water.
 Description: AMPS and hydrophilic monomers solution.

Hazardous components:	CAS NR:	Name:	% R-classification:
	15214-89-8	AMPS	Unknown.

3. Hazard Identification

Hazardous Components:	AMPS	OSHA PEL	ACGIH TL
		N/D	N/D

Avoid eye contact. Severe eye irritation, and possible risk of irreversible damage to the eye may occur after contact.
 Avoid ingestion/inhalation. Avoid contact with skin, mucous membrane and oral mucosa.
 People known to be allergic to methacrylate resins should avoid the use of this product.

4. First Aid Measures

General information: Unknown.
 After skin contact: Remove with copious amounts of water and paper towel.
 Consult a physician if irritation occurs.
 After eye contact: Flush 15 min. with copious amounts of water, an ophthalmologist is needed.
 Rinse/flush with alkaline/saline solution under physician care.
 After swallowing: Consult a physician immediately. Rinse oral cavity with water and exude or expectorate. Induce vomiting. Seek fresh air.
 Prolonged contact: Eyes, corneal abrasions, skin-oral mucosa - sensitivity, burning sensation, lesions, inflammation and ulcerations.

5. Fire Fighting Measures

Extinguishing media: Carbon dioxide, dry chemical powder or appropriate foam.
 Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions: Protective gloves, goggles and others are recommended.
 Environmental precautions: None known.
 Methods for cleaning up: Collect by mechanical means after binding with absorbing material (saw dust/sand/vermiculite, soda ash, etc.) and dispose appropriately. Remove residues with paper towel.
 Additional information: Unknown.

7. Handling and Storage

Store material at or below room temperature 73°F (23°C). Avoid oxidents, acids, alkalies, salt, metals, amines, peroxide catalysts; cap after usage.
 Avoid skin, mucous membrane, oral mucosa and gingival (gum tissue) contact.
 Avoid eye contact and ingestion.
 Ventilation: Yes.
 Local Exhaust: Yes.
 Isolation: Goggles, gloves, intraoral rubber dam recommended. Use fresh brush tips for dispensing/application with each patient. Avoid cross contamination.

8. Exposure Controls/Personal Protection

Additional information for technical plants: Unknown.
 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: Wear protective clothing, lab coat, goggles, face mask (inorganic) and gloves.
 General measure of protection and hygiene: Normal hygienic measures.

Respiration: Unknown.
 Hands: Protective gloves.
 Eyes: OSHA approved goggles.

9. Physical and Chemical Properties

Appearance: Form: Water-like Liquid.
 Color: Slight yellow.
 Odor: Ester-like.

	Value	Unit	Method
Information on change in the physical state			
Melting point/melting range:	Not applicable.		
Boiling point/boiling range:	Not applicable.		
Flash point:	Not applicable.		
Autoignition temperature:	Unknown.		
Danger of explosion:	Unlikely.		
Density:	about 1.0 g/cm ³ .		
Vapor pressure:	Not applicable.		
Viscosity:	Not applicable.		
pH:	About 1.5.		
Solubility in/miscibility with:	None.		
Water:	Dissolve in water.		
Content of solvents:	≥90%.		
Organic solvents:	≥1%.		
Water:	>10%.		
Content of solids:	>1%.		

10. Stability and Reactivity

Incompatibility with other substances: Strong bases, finely powdered metals.
 Hazardous decomposition products: Smoke, carbon monoxide, and others.

11. Toxicological Information

Acute toxicity: May be harmful if absorbed through the skin, if swallowed. Material is destructive to the mucous membranes, upper respiratory tract, eyes and skin.
 TLV: Unknown.
 Primary Routes of entry: Inhalation, skin, and eyes.

12. Ecological Information

General information: Data not available.
 Classification of water endangment: Unknown.

13. Disposal Considerations

Disposal consideration: Contact a licensed waste disposal service.

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: The following revision has been made on June 29, 2004:
 • Section 2- Removed ethyl alcohol from Hazardous components.

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believe 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.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.