

1. Chemical Product and Contact Information

Product Name: Nano-Bond® Self Etch Primer
Material Safety Sheet Number: 00186
Date of Issue: 03/12/02
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Company Identification: Pentron Clinical
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2. Composition/Information on Ingredients

Chemical characteristics: Acidic monomer solution.
Description: AMPS and hydrophilic monomers solution.
Hazardous components: Ethyl alcohol.

Component	CAS #	Exposure Limit mg/m ³	
		ACGIH TLV	OSHA PEL
Camphorquinone	10373-78-1	N/E	N/E
Water	7732-18-5	N/E	N/E
AMPS	15214-89-8	N/E	N/E
HEMA	868-77-9	N/E	N/E

3. Hazard Identification

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.

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

Refrigeration required. Store at 2° - 8°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

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.
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 endangerment:	Unknown.

13. Disposal Considerations

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

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