

MATERIAL SAFETY DATA SHEET

Premier® Auto-Cure Activator

Revision D *EU acc. To ISO 11014*

Last revised: 22-April-2010

Approved for use: 28-April-2010

1. Chemical Product and Company Identification

Product Name: Premier Auto-Cure Activator

Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
PH: 610-239-6000 FAX: 610-239-6171

2. Composition / Information of Hazardous Ingredients

Hazardous Ingredients	CAS#	Hazard Identification & Risk Phrases
Acetone	67-64-1	F, Xi, R11/36/66/67
Benzoyl peroxide	94-36-0	Explosive, Xi; R2, 7, 36,43
Ethyl alcohol	64-17-5	F, R11

- ✓ Additional information: For the wording of the listed risk phrases refer to section 16.

3. Hazards Identification. Xi Irritant; Flammable.

Acute Health Hazards: May cause eye, respiratory and skin irritation in high concentrations.

Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.

Primary Routes of Exposure: Inhalation, skin contact, eye contact.

Carcinogenicity: NTP – no, OSHA – no, IARC – no.

4. First Aid Measures in Cause of Inhalation

If irritation occurs, take victim to open air. Get medical attention if discomfort persists.

In case of skin contact wash thoroughly with soap and water.

In case of eyes contact flush with water for 15 minutes including under eyelids.

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5. Fire-Fighting Measures

Flash Point: N/E

Extinguishing Media: chemical foam, carbon dioxide or dry chemical.

Unusual Fire and Explosion Hazards: Heat can cause rapid release of energy.

6. Accidental Release Measures

Clean-Up Procedure: Absorb spills with inert material – keep spilled material out of sewers.

7. Handling and Storage

Handling: No special measures necessary if handled according to instructions.

Storage: Avoid extreme heat. Keep in temperature of below 24°C in tightly closed container when not in use, away from heat, light and ignition sources.

Packing materials: opaque, polyethylene lined drums.

8. Exposure Controls/ Personal Protection

Respiratory Protection: Avoid inhalation of vapors. No special protection under normal use vapors.

Hand and Skin Protection: Avoid unnecessary skin contact.

9. Physical and Chemical Properties

Appearance: Colourless liquid

Odour: Specific odour

Boiling Point: N/A

Solubility in Water: Miscible

Solubility in Organic Solvents: Soluble

Vapor Density(Air = 1): N/E

Vapor Pressure (mmHg): N/E

10. Stability and Reactivity

Stability: This material is stable.

Hazardous Reactions: None if handled according to directions.

Hazardous Decomposition Products: Oxides of carbon.

Hazardous Polymerization: None.

Conditions to Avoid: Heat, light, aging and contaminations.

Incompatibility: Reducing and oxidizing agents peroxides and amines.

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11. Toxicological Information

Skin: Dryness and Irritation possible upon prolonged exposure.

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 or fatal if swallowed.

12. Ecological Information

Do not discharge into sewers or water supplies.

Environmental persistence and degradability: No data available.

Ecotoxicity: No data available.

13. Disposal Considerations

May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.

14. Transport Information

14.1 Transport at land	ADR	3	RID	3
	UN Number	1090	Kemler Number	---
	Packing Group	II		
	Proper shipping name	Flammable Liquid (Acetone, Ethyl Alcohol)		
14.2 Transport at sea	ADNR	3	IMDG	31-02
	UN Number	1090		
	EMS	F-E, S-D	MFAG	300
	Packing Group	II		
14.3 Air transport	Proper shipping name	Flammable Liquid (Acetone, Ethyl Alcohol)		
	ICAO / IATA-DGR	---		
	UN Number	1090		
	Proper shipping name	Flammable Liquid (Acetone, Ethyl Alcohol)		
	Subsidiary Risk	---		
	Labels	Flammable Liquid (Acetone, Ethyl Alcohol)		
	Packing Group	II		

U.S. DOT Shipping Name: Not Regulated

U.S. DOT Hazard Class: None U.N/ N.A.

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Number: None

Other: Not considered hazardous cargo.

15. Regulatory Information

This product requires classification according to the criteria of EC.
The product is a medical device according to the EC-directive 93/42.

15.1 UN Number 1090

15.2 National regulations

15.3 EU number

15.4 Hazard symbols



15.5 Hazard designation

Xi: Irritant. F: Highly Flammable. Contains Benzoyl Peroxide, Acetone, Ethyl Alcohol.

15.6 Risk phrases

R: 11, 36, 43, 66, 67

11 Highly flammable.

36 Irritating to eyes.

43 May cause sensitization by skin contact.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

15.7 Safety phrases

S: 2, 9, 16, 23, 26, 28, 24/25, 37/39

2 Keep out of the reach of children.

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe vapour.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of water and soap.

24/25 Avoid contact with skin and eyes.

37/39 Wear suitable gloves and eye/face protection.

U.S. – O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16. Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

Relevant R-phrases

2 Risk of explosion by shock, friction, fire or other sources of ignition.

7 May cause fire.

11 Highly flammable.

36 Irritating to eyes.

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43 May cause sensitisation by skin contact.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

Material should be maintained in original containers. Empty containers should not be re-used.

AN SI / NFPA 704 DATA

Fire = 3

Health = 1

Reactivity = 1 Specific

This information is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from use thereof. In no event will the manufacturer or distributor be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon this information. General properties described herein are to be regarded as guides and are not guaranteed for all samples.

041060 Rev3
