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**TECHNICAL BULLETIN
INSTRUCTIONS**

**SKYROCK M
CORE BUILD-UP MATERIAL
LIQUID-PASTE TYPE**

A self-curing restorative for use in the build-up of teeth lacking sufficient coronal structure prior to placement of bridges and for cementing pins and posts.

CONTENTS

Part A Restorative, Natural-12 g
Part A Restorative, Contrast-12 g
Part B Liquid-12 g
Accessories and Instructions

- Sufficient working time.
- Adjustable consistency: can be prepared in a thicker form for coronal build-up, or in a thinner form for cementing pins and posts.
- Two shades: one contrasting for easy distinguishing from tooth structure; the other tooth-colored for use under shell crowns.
- Moldable, non-sticky yet adhesive consistency.
- Contains moderately hard filler for easier carving and shaping.
- Long shelf life at ambient temperatures.
- X-ray opaque.
- CAUTION: Federal law restricts this device to sale on the order of a dentist.

DENT ZAR INTERNATIONAL, INC.

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DIRECTIONS FOR USE

Skyrock may be used without pins, screw posts, or in conjunction with them, if their use is deemed desirable, or necessary at the discretion of the clinician.

On a mixing pad, dispense part A paste (in either contrast or natural shade) in the approximate amount needed for making the restoration, or for cementing pins or posts. Dispense two drops of liquid next to the paste. Mix paste with liquid, incorporating the liquid into the paste in small increments until a desired consistency is obtained (dispense additional amount of liquid or paste if necessary). A relatively thick consistency is preferred for coronal build-up without crowns forms, and still soupier for cementing pins and posts.

CHARACTERISTICS OF THE MATERIAL

1. Working time at 23°C (73°F)	180 seconds
2. Setting time at 23°C (73°F)	240 seconds
3. Hardness (Barcol)	95
4. Diametral Tensile Strength	Approx 6000 psi
5. Water Extractables (7 days, 37°C)	Below 0.02 mg/cm ²
6. PH	Neutral
7. Resistance to Alkaline Millieu (PH 10)	Excellent
8. Resistance to Acid Millieu (PH 3)	Excellent

The working time at 23°C (73°F) is 180 seconds, if desired, longer working time may be achieved by mixing the pastes just after removal from refrigerator or by using a cold slab.

Removal of crowns (if used) and final shaping and finishing may start three minutes after Skyrock M was placed on the tooth.

Caution: As with all composite materials, Skyrock M is not compatible with Zinc oxide/Eugenol-type cements.

STORAGE

Store in a cool place at temperatures not exceeding 23°C (73°F). For extended shelf life, store refrigerated. DO NOT FREEZE.

KIT VERSION AVAILABLE

Skyrock M-regular, all natural or all contrast

Material Safety Data Sheet

Section I-Product/Company Identification	
1.1 Product Trade Name:	Skyrock-M
1.2 Part Item Number :	C-05-3
1.3 Address	Dent Zar, Inc. 19643 Trull Brook Dr. Tarzana, CA 91356, USA
1.4 Emergency Telephone Number:	818-857-3010
1.5 Telephone Number for Information:	818-857-3013
1.6 Date Revised	

Section II - Hazardous Ingredients/Identity Information				
Hazardous Components:	CAS NO	OSHA PEL	ACGIH TL	OTHER LIMITS
Blend of silicone dioxide particulates	(N/E)	N/A	N/A	N/A
Barium glass particulates	(65998-18-4)	N/A	N/A	N/A
Bis-gma	(1585-94-4)	N/A	N/A	N/A
Ethyleneglycol dimethacrylate	(109-16-0)	N/A	N/A	N/A
1.6 Hexanediol dimethacrylate	(6606-59-3)	N/A	N/A	N/A
Benzoyl peroxide	(94-36-0)	N/A	N/A	N/A
Fumed silica	(68611-44-9)	N/A	N/A	N/A
Amine	(3077-12-1)	N/A	N/A	N/A

Section III - Physical/Chemical Characteristics	
3.1 Boiling Point	N/A
3.2 Vapor Pressure (mm Hg)	N/A
3.3 Vapor Density (AIR=1)	N/A
3.4 Solubility in Water	Insoluble
3.5 Appearance and Odor	Tinted pastes with characteristic odor
3.6 Specific Gravity (H20=1)	NA
3.7 Melting Point	NA
3.8 Evaporation Rate (Butyl/Acetate=1)	NA

Section IV - Fire and Explosion Data	
4.1 Flash Point (Method Used)	NA
4.2 Flammability (explosive limits)	LEL: N/A UEL: N/A
4.3 Extinguishing Media	Chemical foam, carbon dioxide, or dry chemical.
4.4 Special Fire Fighting Procedure	None
4.5 Unusual Fire and Explosion Hazards	None known

Section V - Reactivity Data	
5.1 Stability	Unstable: Stable: X
5.2 Conditions to Avoid (stability)	Extreme heat, direct sunlight and intense light.
5.3 Incompatibility (Material(s) to avoid)	Peroxides for the basae paste and amines for the catalyst paste.
5.4 Hazardous Decomposition or Byproducts	N/A
5.5 Hazardous Polymerization:	May Occur (X) Will Not Occur ()

Section VI - Health Hazard Data			
6.1 Route (s) of entry	Inhalation? YES	Skin? YES	Ingestion? YES
6.2 Health hazards (acute and chronic)	May occur for special people or overexposed people.		
NTP? Not listed	ARC Monographs? Not Listed	OSHA Regulated?	
No carcinogens present			
and symptoms of exposure:	N/A		
6.5 Medical conditions	generally aggravated by exposure	Person with pre-existing skin sensitivity.	

6.6 Emergency and first aid procedures: **Skin:** In case of skin contact wash off immediately with soap and water.
Ingestion: If ingested, seek medical attention immediately.
Inhalation: N/A
Eye Contact: If eye is contacted, wash off with plenty of water and see physician immediately.

Section VII - Precautions for Safe Handling and Use
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7.1 Steps to be taken in case material is released or spilled: Clean up using gloves and dispose of in approved manner.
7.2 Waste disposal method: Dispose of according to local, state and federal regulations.
7.3 Precautions to be taken in handling and storing: Avoid contact with skin, tissue, gum and eyes.
7.4 Other precautions: Keep containers tightly closed when not in use.

Section VIII - Control Measures
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8.1 Respiration protection: Generally not necessary.
8.2 Ventilation: Local exhaust recommended.
8.3 Protective gloves: Recommended.
8.4 Eye protection: Recommended.
8.5 Other protective clothing or equipment: N/A
8.6 Work/Hygienic practices: Normal safe practices. Use only in a highly professional manner.

NEPA HAZARD CLASSIFICATIONS	
HEALTH	1
FLAMMABILITY	3
REACTIVITY	1
SPECIAL HAZARD	N/A

NEPA- National Fire Protection Association
N/A- Not Applicable
N/E- Not Established