

SAFETY DATA SHEETS

This SDS packet was issued with item:

072797918

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

072797900 072797926 072797934 072798015

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

072798023 072798031 072798049



MATERIAL SAFETY DATA SHEET

Product Identity: **ROCKET HEAVY CLEAR**
ROCKET HEAVY RED
ROCKET LIGHT
ROCKET YELLOW

SECTION I.

Identification

Revision Date: NOVEMBER 2010

Manufacturer

Dental Ventures of America Inc.
1787 Pomona Road, Suite I
Corona, CA. 92880

Emergency Telephone Number:

(800) 424 - 9300

Product Information Number:

(951) 270 - 0606

SECTION II.

Composition/Information on Ingredients

Chemical Name/Synonyms:	Cyanoacrylate Adhesive (This product does not have a UN Number)		
Common Name:	Cyanoacrylate Instant Adhesive		
DOT Hazard Classification:	Cement, Liquid NOS NA 1133		
CAS Number:	N/A - Mixture		
Formula/Molecular Weight:	N/A - Mixture		
Appearance/Rocket Heavy Clear:	Clear, Colorless Viscous Liquid	Odor:	Special Stimulative Smell
Rocket Heavy Red:	Pink Viscous Liquid	Odor:	Slightly Pungent
Rocket Light:	Colorless Liquid	Odor:	Slightly Pungent
Boiling Point/Rocket Heavy Clear:	150 Degrees F	Specific Gravity:	1.07
Rocket Heavy Red:	149 Degrees F	Specific Gravity:	1.07
Rocket Light:	150 Degrees F	Specific Gravity:	1.060
Percent Volatiles:	0 @ 70 Degrees F		
Water Miscibility:	Negligible		

SECTION III.

Hazardous Ingredients/Identify Information

Listed below are the hazardous component (s) as defined in 49 CFR 172 and 29 CFR 1910, which are present in this product and all components which appear on the hazardous substance list of any state.

Rocket Heavy Clear:	Ethyl Cyanoacrylate:	07085850	80.00 +/- Skirtcom
Rocket Heavy Red:	Ethyl Cyanoacrylate:	07085850	80.00 +/- Skirtcom
Rocket Light:	Ethyl Cyanoacrylate:	07085850	90.0 by Weight

Caution: Read Section VII of this MSDS before using this product.

Exposure Limits: TLV-2 PPM, Manufacturers recommendation.

NFPD CODES: Health - 2 Flammability - 2 Reactivity - 1 Other - None

SECTION IV.

First Aid Measures

Skin:	Immerse bonded surfaces in warm soapy water. Do not force separation.
Eyes:	Flush thoroughly with lukewarm or tepid water for at least 15 minutes. Call physician immediately.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Mouth:	Saliva should lift the adhesive in 12 - 48 hours. Do not force removal. Do not swallow the adhesive when it loosens.
Lips:	Apply plenty of warm water. Use maximum wetting and pressure from saliva inside the mouth. Gently peel or roll the lips apart. Call a physician.

Product: **ROCKET HEAVY CLEAR**
ROCKET HEAVY RED
ROCKET LIGHT
ROCKET YELLOW

All the following information pertains to 'Rocket' Heavy Clear, Heavy Red, Light Clear and Yellow unless otherwise specified.

SECTION V. Fire-Fighting Measures

Flash Point (MethodUsed): 185 F (80 C) (TCC) Flammable Limits: LEL: NE UEL: NE
 Recommended Extinguishing Media: Flush with large amounts of water or dry chemical extinguisher.
 Special Fire Fighting Procedures: Fumes may be irritating if not burning and require air supply with goggles while applying large amounts of water or dry chemical extinguisher. When fighting fire, wear full protective equipment, including self-contained breathing apparatus.
 Unusual Fire and Explosion Hazards: None. Combustible requiring the above procedures.

SECTION VI. Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled: Polymerize with water. Solid material may be scraped from surface.

SECTION VII. Handling and Storage

All the following information pertains to 'Rocket' Heavy Clear, Heavy red, Light Clear and Yellow

Handling: Avoid contact with clothing as contact can cause burning.
 Storage: Avoid moisture, direct UV-Sunlight and do not store above 25 C (77 F). Keep container tightly closed when not in use. Ideal storage: 5 - 10 C (41 F - 50 F).
 Other Precautions: Avoid breathing vapor, contact with eyes and skin. Allow product to reach room temperature before use.
 Special Comments: This product and/or all of its' components are registered by TSCA. Non-hazardous ingredients withheld under PA trade secret status.

SECTION VIII. Exposure Controls / Personal Protection

All the following information pertains to 'Rocket' Heavy Clear, Heavy red, Light Clear and Yellow

Exposure Controls:
 Skin and Eye: Warning: Cyanoacrylates bond skin rapidly and strongly. May also bond eyelid to eyelid and/or eye. A large drop of material may cause a burn upon solidification.
 Inhalation: Vapors may cause irritation of nose and bronchial passages. Avoid prolonged inhalation.
 Oral Ingestion: It is almost impossible to swallow cyanoacrylate. The adhesive solidifies and adheres in the mouth. The lips may be stuck together.

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA REGULATED: NO

Other: These products have no known carcinogenicity, mutagenicity or teratogenicity effects. Further there are no known effects of chronic exposure or to target organs. No exposure limits have been established for this product as formulated.

Personal Protective Equipment Recommended for Normal Conditions:

Eye Protection: Safety glasses with side shields.
 Skin Protection: Polyethylene (non-sticking) gloves and rubber apron (no cotton or wool) to protect clothing.
 Respirator Protection: N/A with local exhaust. A NIOSH-approved organic vapor canister may be used to maintain vapor concentration below TLV. Mechanical (General) Large amounts used to 0.2 ppm.
 Work/Hygienic Practices: Soap and water helps remove adhesive from skin.

Product: **ROCKET HEAVY CLEAR**
ROCKET HEAVY RED
ROCKET LIGHT
ROCKET YELLOW

All the following information pertains to 'Rocket' Heavy Clear, Heavy Red, Light Clear and Yellow unless otherwise specified.

SECTION IX. Physical and Chemical Properties

Appearance/Rocket Heavy Clear:	Clear, Colorless Viscous Liquid	Odor:	Special Stimulative Odor
Rocket Heavy Red:	Pink Viscous Liquid	Odor:	Slightly Pungent
Rocket Light:	Colorless Liquid	Odor:	Slightly Pungent
Rocket Yellow:	Transparent Yellow colored liquid	Odor:	Stimulative Odor
Boiling Point:	365 F	Specific Gravity (H ₂ O)=1):	1.05
Vapor Density:	nil-NE	Melting Point:	NE
Vapor Pressure (mm Hg):	1 @ 20 C	Evaporation Rate (Butyl acetate=1):	nil-NE
Solubility in Water:	Insoluble, material reacts to hardened mass for non-hazardous waste.		

SECTION X. Stability and Reactivity

Product is stable under normal conditions.

Conditions to Avoid: Excessive heat above 176 F (81 C), moisture and alkalines. Stable up to 122 F (50 C).

Incompatibility (Materials to Avoid): Polymerized by water, alcohol, amines, alkaline materials and direct UV.

Hazardous Decomposition: Combustible by-products of carbon monoxide/dioxide.

Hazardous Polymerization may not occur.

SECTION XI. Toxicological Information

Route (s) of Entry: Inhalation: Yes Skin: No Ingestion: LD50 = 12.2cc/kg (mice)

SECTION XII. Ecological Information

Please see Sections I - XI.

SECTION XIII. Disposal Considerations

These products, if disposed as shipped, are not a hazardous waste as specified in 40 CFR 261. Dispose of in an approved landfill in accordance with state and local regulations. Incinerate solid combustible waste or dump as chemical waste according to local, state and federal regulations.

SECTION XIV. Transport Information

Transport these products according to local, state, provincial and federal regulations.

This product is not assigned a Packing Group.

SECTION XV. Regulatory Information

Substances listed as hazardous component (s) as defined in 49 CFR 172 and 29 CFR 1910, which are present in this product and all components which appear on the hazardous substance list of any state.

EPA SARA TITLE III HAZARD CLASS: Combustible liquid.

This product contains NO CHEMICALS subject to the reporting requirements of EPA SARA TITLE III Section 313 (40CFR372); or considered by State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as causing cancer or reproductive toxicity and for which warnings are now required.

The data herein relates to the product named and is based upon information that Dental Ventures of America, Inc. believes to be reliable and accurate. No warranty expressed or implied is intended. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. This information is offered solely for your consideration and interpretation.



SAFETY DATA SHEET

ROCKET HEAVY CLEAR, HEAVY RED, LIGHT AND YELLOW

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: **Rocket: Heavy Clear, Heavy Red Light and Yellow** Date Revised: November 2018

MANUFACTURER

Dental Ventures of America, Inc.
1787 Pomona Rd., Suite C
Corona, 92880, CA.

Emergency Contact: Infotrack: 800.535.5053

Emergency Phone: 951.270.0606

Alternative Emergency Phone: 800.228.6696

USE OR APPLICATION: To join small parts in a dental laboratory setting.

USES ADVISED AGAINST: Industrial use only.

2. HAZARD(S) IDENTIFICATION

GHS CLASSIFICATIONS

Health

Eye Irritation, Category 2

Skin, Irritation, Category 2

Skin Sensitization, Category 1 Respiratory Tract Irritation, Category 3

GHS LABEL ELEMENTS



HAZARD STATEMENTS

H 315: Causes skin irritation.

H 319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

2783BK66: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of reach of children.

46097G8KU: Contains Hydroquinone. May produce an allergic reaction.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash skin and hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.



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ROCKET HEAVY CLEAR, HEAVY RED, LIGHT AND YELLOW

Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation occurs: Get medical advice/attention.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P312: Call POISON CENTER or doctor/physician if you feel unwell.

P362: Take off contaminated clothing and wash before reuse.

Storage

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal

7944L501: Dispose of in a manner consistent with federal, state and local regulations

EMERGENCY OVERVIEW:

PHYSICAL APPEARANCE: Clear, colorless liquid

IMMEDIATE CONCERNS: R36/37/38: Irritating to eyes, respiratory system and skin.

POTENTIAL HEALTH EFFECTS: EYES: R36: Irritating to eyes, **SKIN:** May cause skin irritation. Allergic reactions are possible. **INGESTION:** Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product. **INHALATION:** R37: Irritating to respiratory system.

MEDICAL CONDITIONS AGGRAVATED: Not a likely route of exposure.

ROUTES OF ENTRY: Inhalation & ingestion are major routes of entry.

CANCER STATEMENT: Not Applicable.

3. COMPOSITION /INFORMATION ON INGREDIENTS

Under GHS-OSHA 4.11 the precise composition of this product is withheld as confidential business information (CBI). A more complete disclosure can be provided to a health, or safety professional when necessary.

SUBSTANCES or MIXTURE Mixture

NO. COMPONENT	CAS.NO	PERCENT/Wt.
ETHYL-2 CYANOACRYLATE	7085-85-0	60 - 100%
Polymethyl methacrylate	9011-14-7	10 - 30%
Hydroquinone	123-31-9	0 - 1



SAFETY DATA SHEET

***ROCKET HEAVY CLEAR, HEAVY
RED, LIGHT AND YELLOW***

4. FIRST-AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash with soap and water. Peel or roll skin apart.

INHALATION: Remove to fresh air. Prolonged or repeated elevated exposure may cause allergic reactions with asthma-like symptoms in sensitive individuals.

INGESTION: Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Avoid swallowing solid adhesive after detachment. Not a toxic product.

SIGNS AND SYMPTOMS OF OVER EXPOSURE:

Causes eye irritation.

Moderate skin irritation.

Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

Prolonged or excessive inhalation may cause respiratory tract irritation.

Avoid exposure to vapor concentration in confined areas. Frequent or prolonged contact may irritate the skin and cause a skin rash.

5. FIRE-FIGHTING MEASURES

GENERAL HAZARD: Combustible liquid and vapor. Product polymerized to solid by water.

EXTINGUISHING MEDIA: Use dry chemical extinguisher or flush with large amounts of water.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand.(MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible by-products of carbon monoxide'dioxide.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Polymerize with water. Solid material may be scraped from surface.

LARGE SPILL: Polymerize with water. Increase ventilation to area. Solid material may be scraped from surface.

ENVIRONMENTAL PRECAUTIONS: **WATER SPILL:** None known.



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**ROCKET HEAVY CLEAR, HEAVY
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7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes. Skin and clothing.

HANDLING: Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes and clothing.
Keep container closed when not in use.

STORAGE: Store in cool place in original container and protect from sunlight. Keep away from sources of ignition.

STORAGE TEMPERATURE: Ideal Storage: 41-50 f (5-10c)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only in a well ventilated area. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

Eyes and Face: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: S24/25: Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid contact with clothing as contact can cause burn.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Rocket Heavy Clear:	Clear, Colorless Viscous liquid	ODOR: Special Stimulate
Rocket Heavy Red:	Pink Viscous Liquid	ODOR: Slightly Pungent
Rocket Light:	Colorless Liquid	ODOR: Slightly Pungent
Rocket Yellow:	Transparent Yellow Colored Liquid	ODOR: Stimulated Odor

PERCENT VOLATILE: <20 g/L

FLASH POINT AND METHOD: 85C (185F) CC Closed Cup

VAPOR PRESSURE: 1mm Hg@20C

VAPOR DENSITY: Not established.

BOILING POINT: 185C (365F)

SOLUBILITY IN WATER: In soluble

EVAPORATION RATE: Not established

SPECIFIC GRAVITY: 1.06

VISCOSITY #1: 400 to 600 Centipoise at 22C (72F) **(VOC):** <20.000 g/L



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10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Avoid temperatures above 176F (80 C), moisture and alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition. Oxides of nitrogen and probably hydrogen cyanide are also possible.

INCOMPATIBLE MATERIALS: Polymerized by water, alcohol, amines, alkaline materials and direct UV.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Dermal LD₅₀ >2000 mg/kg Notes: (Estimated)

Oral LD₅₀ > 5000 mg/kg Notes: (Estimated)

Inhalation LC₅₀ Vapors may be irritating. Recommended TWA 0.2ppm.

Eye Effects: Bonds skin and eyes in seconds. Eye irritant.

Skin Effects: Irritating to skin. May cause allergic skin reaction with prolonged contact.

Sensitization: Possible skin sensitizer.

12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: None known.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Polymerize with water to a solid material. Dispose of as solid waste or trash in accordance with local government regulations of the region.

Please refer to Section 8 for Exposure Controls/Personal Protection.



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**ROCKET HEAVY CLEAR, HEAVY
RED, LIGHT AND YELLOW**

14. TRANSPORT INFORMATION

UN Number: N/A

UN Proper Shipping Name: Not restricted.

TRANSPORT HAZARD CLASS(S) Not restricted

PACKING GROUP NUMBER: Not restricted.

ENVIRONMENTAL HAZARDS: Not restricted.

GUIDANCE ON TRANSPORT IN BULK: Not restricted.

CANADA TRANSPORT OF DANGEROUS GOODS: SHIPPING NAME: Not restricted.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA

CALIFORNIA PROPOSITION 65:

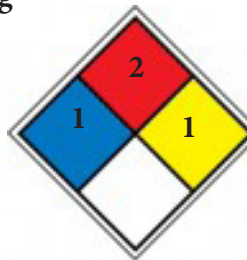
Consumer sizes of this product do not require a California Proposition 65 Warning based on potential exposure in normal consumer use.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

16. OTHER INFORMATION

HMIS Rating



Health: 1
Flammability: 2
Physical Hazard: 1
Personal protection:

DATE PREPARED: November 2018

SUPERSEDES MSDS: September 2017

MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, Dental Ventures of America, Inc does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.