Deluxe Materials (Models), Unit 13 Cufaude Business Park
Cufaude Lane, Bramley, Tadley, Hants RG26 5DL
Tel. 01256 883944 Fax 01256 883966

SAFETY DATA SHEET February 2000

1. PRODUCT NAME

ROKET CYANOACRYLATE (HOT, RAPID, MAX, , POLY)

SUPPLIER : Deluxe Materials (Models)
emergency telephone 01256 883944

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2. COMPOSITION / data on components.

Component	% by weight	CAS E.I.N.E.C.S.	Hazard Symbol Xi	Risk phrases Danger Contains
Ethyl cyanoacrylate	< 100%	7085-85-0	irritant	cyanoacrylate.
Polymeric thickener	< 20%	9011-14-7		Bonds skin and eyes in seconds
Fillers/stabilisers	<10%			

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3. HAZARD IDENTIFICATION
Classification (CHIP) NONE

DANGER Contains cyanoacrylate. Bonds skin and eyes in seconds

Main health hazards: May cause skin and eye irritation. Bonds skin and eyes in seconds.

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4. FIRST AID
INHALATION : Remove subject to fresh air. Seek medical advice if condition does not improve.
EYE CONTACT : Flush eyes with copious quantities of water for at least 15 minutes. Regularly bathe eyes in warm water, separation should occur within 1 to 4 days. Consult optician if infection occurs.
SKIN CONTACT : Accidentally bonded skin - if possible gently peel apart using blunt object. Do not force skin apart. Wash affected area regularly with soapy water, separation should occur within 1-4 days. Consult doctor if infection occurs.
INGESTION: Unlikely to occur wince material will harden in mouth. Regularly rinse mouth to release product, usually within 2 days. Position the patient to prevent ingestion of the released material. Never induce vomiting. Seek medical attention if in any doubt.

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5. FIRE-FIGHTING MEASURES
EXTINGUISHING MEDIA: Water, Foam, CO_2 , dry powdrers
combustion products: CO, CO_2 , and others not determined.
Special protective equipment for fire fighters. For large fires the local fire brigade must be called. Respirators and protective clothing must be worn.

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6. ACCIDENTAL RELEASE MEASURES
Personal protection: Gloves, overalls and eye/ face protection are routinely recommended. If large quantities are involved then fresh air breathing apparatus or solvent filter masks are recommended.
Environmental precautions:
No harmful ecological effects known. However do not allow entry into sewers or natural environments.
Methods for cleaning up:
Evacuate area. Contain spillage with sand or earth. Mechanically remove hardened product and dispose of in accordance with local authority regulations.

Disposal considerations:
In accordance with local authority regulations.-

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7 HANDLING AND STORAGE

7.1 HANDLING PRECAUTIONS: Use fresh air breathing apparatus or solvent filter mask when exposed to large quantities otherwise good ventilation is required.
Wear protective clothing, gloves and eye protection. High standards of industrial hygiene are necessary.

7.2 STORAGE

Store in original containers. Store upright in a cool dry place at temperatures below 250C and preferably between 0 and +50C. Atmosphere relative humidity should be maintained at 50-60%.

7.3 Shelf life:
One year when stored at temperatures between 0 and 50C.
Six months when stored at temperatures between 5 and 250C.

8.1 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation: Good ventilation is required. Suction ventilation at source is recommended.
Respiratory Protection - Use fresh air breathing apparatus or solvent filter mask when exposed to large quantities.
Hand protection - Gloves are recommended.
Eye protection. Safety glasses goggles are recommended.
Skin protection - Overalls are recommended when large quantities of product are involved.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Immiscible liquid
Colour :	Clear
Odour :	Pungent
Melting point :	< -300C
Boiling Point :	> 100oC
Flash point :	> 800C
Flammability :	N/D
Volatile content :	0%
Autoflammability :	N/D
Explosive limits:	UEL:N/A
Oxidising properties:	LEL : N/A
Vapour pressure:	(of principle component)
Relative density:	Approx. 1:1
Solubility in water:	Insoluble and immiscible
Viscosity :	Various.

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10 STABILITY AND REACTIVITY

Conditions to avoid : High temperatures. Sunlight.
Materials to avoid : Bases eg water, alcohols, amines and peroxides.
Hazardous decomposition products: not know.
Hazardous polymerisation: May occur. Conditions to avoid: High temperatures, water, amines, alcohols and peroxides.

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11. TOXICOLOGICAL INFORMATION.

Effect of eye contact: Irritant. Bonds skin and eyes in seconds.
Effect of skin contact: May cause irritation. Bonds skin and eyes in seconds.

Effect of inhalation : Vapours may irritate the eyes and respiratory system, prolonged exposure to high concentrations of vapours may lead to chronic effects i sensitive individuals. Ensure adequate ventilation.
Effect of ingestion. Not established

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12. ECOLOGICAL INFORMATION

Mobility: No information available at the present time.
Persistence and degradability: No information available at the present time
Bioaccumulative potential: No information available at the present time
Aquatic toxicity: No information available at the present time
Ecotoxicity: No information available at the present time

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13 DISPOSAL

Polymerise by slowly adding water and dispose of in accordance with local authority regulations.

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14 TRANSPORT REGULATIONS

UN Number None
UN Packing Group Not classified
IMDG Class Not classified
IATA Class Not classified
EMS
MFAG Number
ADR/RID
Hazard Code NONE

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15. REGULATORY INFORMATION

Risk phrases
R36/37/38 Irritating to eye, skin and respiratory system

CHIP Labelling Symbol irritant Xi
Hazard : Adhesion
Contains : Cyanoacrylate
Safety phrases
S23 Do not breathe vapour
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Other mandatory Phrases
Danger. Contains cyanoacrylate. Bonds skin and eyes in seconds. Keep out of reach of children.

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16 OTHER INFORMATION

Data based on present knowledge.
Instructions to doctor:
Other information: Polymerisation is highly exothermic. If large quantities of cyanoacrylate are spilled onto clothing the rapid polymerisation can cause burns so contaminated clothing should be removed immediately.
Cyanoacrylates react rapidly with bases such as water, amines and alcohols and with peroxides.