Revised November 14th, 2006

MATERIAL SAFETY DATA SHEET RP, SI, FS, HT, MG SERIES CYANOACRYLATE ADHESIVE

NEW GLUE - GLU-100.00 and GLU-100.01

Company: EURO TOOL, Inc.

EMERGENCY INFORMATION Emergency telephone number (CHEMTEL): (800) 255-3924

(CHEMTEL International): (+01) 813-248-0585

Collect calls are accepted.

HEALTH **HMIS** 2 FLAMMABILITY 2 REACTIVITY 2 **NFPA** 2 HEALTH FIRE HAZARD 2 REACTIVITY 2

1. Chemical Product

Product Name:

RP, SI, FS, HT, MG Series Ethyl-2-Cyanoacrylate Ester

Product Type: Molecular Formula:

C6H7NO2

2. Composition and Information on Harmful Ingredients

Ingredients

CAS No.

OSHA PEL

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ACGIH TLV

Other Limits

%Composition

Ethyl-2-Cyanoacrylate

7085-85-0

N/A

0.2ppm (TWA) 0.3ppm (STEL)

86-99,99

3. Hazards Identification

Label Precautionary Statements:

Irritant. Irritating to eyes, skin, and respiratory system. Cyanoacrylate.

Danger. Bonds skin and eyes in seconds.

Primary Routes of Entry:

Symptoms of Exposure:

None Known

Vapor highly irritating to eyes and breathing. Prolonged exposure may

lead to non-allergic asthma.

Medical Conditions Aggravated

by Exposure:

No applicable information found.

Ethyl Cyanoacrylate is not listed as a carcinogen in the US National Toxicology Program Annual report on carcinogens, or by the International Agency for Research on Cancer.

4. First Aid Measures

Ingestion:

Ingestion not likely due to polymerization.

Inhalation:

Remove to fresh air, if symptoms continue, seek medical advice.

Skin Contact: Soak in warm soapy water.

Flush with water, seek medical attention.

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5. Fire Fighting Measures

Flash Point:

>81°C (150-200°F)

Extinguishing Media:

Water spray, foam, dry chemical or CO2 Wear self contained breathing apparatus

Special Fire Fighting Procedures:

No applicable information found.

Unusual Fire / Explosion Hazards:

Hazardous Thermal Decomposition Products:

Irritating organic vapors may be formed

6. Accidental Release Measures

Ventilate area of spill, flood with water to polymerize, absorb with sand / earth and dispose to chemical waste bin. Dispose in accordance with pertinent national legislation.

7. Handling and Storage

When using large volumes ensure that operational area is well ventilated.

Store between 5-25°C; avoid strong light and heat sources.

Incompatible with amine, bases, water.

Avoid skin contact and inhalation of vapor.

8. Exposure Control and Personal Protection

Eye Protection:

Safety goggles / glasses suitable for use with chemicals.

Respiratory Protection: Always use appropriate filter mask / respirator.

Skin Protection:

Ventilation:

Nitrile / polyethylene gloves, coveralls, avoid cotton products. Good general or local exhaust ventilation is required for usage.

9. Physical and Chemical Properties

Form:

Color:

Water white / straw colored

Odor:

Sharp, irritating Immiscible in water

Boiling Point:

>100°C

Specific Gravity @ 25°C:

1.1

Vapor Pressure @ 25°C:

Solubility in Water:

<0.5mm Hg

Flash Point:

>81°C

V.O.C. Content:

Less that 20g/L estimated (California SCAQMD Method 316B)

10. Reactivity and Stability

Stability:

Stable

Hazardous Polymerization:

Will not occur

Incompatibility:

Water, bases, amines

Conditions to Avoid:

No applicable information found

Hazardous Decomposition Products:

No applicable information found

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11. Toxicoligical Information

Estimated Oral LD50:

>5000 mg kg

Estimated Dermal LD50:

>2000 mg kg

Estimated Inhalation LC50:

>4000ppm/1H

Causes Severe Irritation. High concentrations are destructive to tissues of the mucous membranes and the upper

respiratory tract.

12. Ecological Information

No applicable information found

13. Disposal Considerations

Cyanoacrylates must be disposed of in accordance with all national and local regulations.

14. Transportation Information

Not considered hazardous for the purposes of transportation.

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