



MATERIAL SAFETY DATA SHEETS

M745-1005,1241,1242,1243,1300,1410,1430,1500 CYANOACRYLATE ADHESIVE

Date: 8/05

HMIS: HEALTH 2 FLAMMABILITY 2 REACTIVITY 1

NFPA: HEALTH 2 FIRE HAZARD 2 REACTIVITY 1

1. CHEMICAL PRODUCT:

Product name: RP,SI,FS,HT,MG Series
Product Type: Ethyl-2-Cyanoacrylate Ester
Molecular Formula: C6H7NO2

Supplier:
RPM, WFG.
3194 Hickory Blvd.
Hudson, NC 28638
Phone: 828-728-8266

2. COMPOSITIONS AND INFORMATION on HARMFUL INGREDIENTS:

Table with 7 columns: INGREDIENTS, CAS NO., OSHA PEL, ACGIH TLV, Other Limits, %COMPOSITION. Rows include EHTYL CYANOACRYLATE and POLY (METHYL METHACRYLATE).

3. HAZARDS IDENTIFICATIONS:

Label Precautionary Statements: Irritant. Irritating to eyes, skin, and respiratory system.
Primary Routes of Entry: None known
Symptoms of exposure: Vapors are irritating to eyes and breathing.
Medical Conditions Aggravated by Exposure: No applicable information found.

Ethyl Cynaoacrylate 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:

NOTE: See supplement page or emergency procedures and additional First Aid information.

INGESTION: Ingestion is not likely due to polymerization.
INHALATION: Remove to fresh air. If symptoms persist, seek medical attention.
SKIN CONTACT: Soak in warm soapy water.
EYE CONTACT: Flush with water, seek medical attention.

#### 5. FIRE FIGHTING MEASURES:

FLASH POINT: >81°C (150-200°F)  
EXTINGUISHING AGENTS: Water spray, foam, dry chemical or CO<sup>2</sup>.  
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus  
UNUSUAL FIRE OR EXPLOSION  
HAZARDS: No applicable information found.  
HAZARDOUS THERMAL DECOMP 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 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 CONTROLS, PERSONAL PROTECTION:

EYE: Safety goggles/glasses suitable for use with chemicals.  
RESPIRATORY: Always use appropriate filter mask/respirator.  
SKIN: Nitrile/polyethylene gloves, coveralls, avoid cotton products.  
VENTILATION: Good general or local exhaust ventilation is required for usage.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES:

FORM: Liquid  
COLOR: Water white/straw colored  
ODOR: Sharp, irritating  
SOLUBILITY IN WATER: Immiscible in water  
BOILING POINT: >100 °C  
SPECIFIC GRAVITY: 1.05 @ 25°C  
VAPOR PRESSURE: < 0.5 mmHG @ 25°C

#### 10. STABILITY AND REACTIVITY:

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.

#### 11. TOXICOLOGICAL INFORMATION:

Estimated Oral LD50: >5000 mg kg  
Estimated Dermal LD50: >2000 mg kg  
Causes sever 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:

Cynoacrylate 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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