

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/13/2019

# M745-1300

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : INSTANT ADHESIVE MEDIUM LIQUID 2 OZ  
Other means of identification : M745-1300

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cyanoacrylate Adhesive

#### 1.3. Supplier

RPM Wood Finishes Group  
2220 US Highway 70 SE, Ste 100  
Hickory, NC 28602  
Phone: 828-728-8266  
Fax: 828-728-2409

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300; CHEMTREC® International Emergency number: 703-527-3887

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flammable liquids, Category 4	H227 Combustible liquid
Skin corrosion/irritation, Category 2	H315 Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319 Causes serious eye irritation.
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335 May cause respiratory irritation.

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H227 - Combustible liquid  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.

Precautionary statements (GHS US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - If on skin: Wash with plenty of water/...  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a poison center/doctor/... if you feel unwell  
P321 - Specific treatment (see supplemental first aid instruction on this label)  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362 - Take off contaminated clothing.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
ethyl-2-cyanoacrylate	(CAS-No.) 7085-85-0	90 - 95	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Proprietary Acrylated Monomer	(CAS-No.) Trade Secret	5 - 10	Not classified

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Overexposure may be irritating to the respiratory system. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Do not pull solidified product away from the skin. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Do not remove clothing if it sticks to the skin. Get immediate medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. Immediately flush eyes thoroughly with water for at least 15 minutes. Do not try to open the eyes by manipulation. Immediately call a POISON CENTER/doctor. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Get immediate medical attention. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Irritation of the eye tissue. Causes skin and eye irritation. Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause drowsiness or dizziness. May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause irritation to skin. Cyanoacrylate - Danger! - Bonds skin and eyes in seconds - Keep out of reach of children.
Symptoms/effects after eye contact	: Causes eye irritation. Cyanoacrylate - Danger! - Bonds skin and eyes in seconds - Keep out of reach of children.
Symptoms/effects after ingestion	: Ingestion unlikely. Unlikely to occur since material will harden in the mouth.

### 4.3. Immediate medical attention and special treatment, if necessary

If exposed or concerned, get medical advice and attention.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. Dry powder. Carbon dioxide. Water spray or fog. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Solid water jet ineffective as extinguishing medium. Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible liquid.
Explosion hazard	: Prolonged exposure to fire may cause containers to rupture/explode.

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### 5.3. Special protective equipment and precautions for fire-fighters

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|--------------------------------|---|
| Firefighting instructions      | : Exercise caution when fighting any chemical fire. Use a water spray to cool exposed surfaces and to protect fire-fighters. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |
| Other information              | : Do not allow run-off from fire fighting to enter drains or water courses.   |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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|------------------|--|
| General measures | : Eliminate every possible source of ignition. Ensure adequate ventilation. Avoid all contact with skin, eyes, or clothing. Handle in accordance with good industrial hygiene and safety practice. |
|------------------|--|

#### 6.1.1. For non-emergency personnel

- |                      |  |
|----------------------|--|
| Protective equipment | : Use appropriate personal protection equipment (PPE). |
| Emergency procedures | : Evacuate unnecessary personnel.                      |

#### 6.1.2. For emergency responders

- |                      |   |
|----------------------|---|
| Protective equipment | : Equip cleanup crew with proper protection.  |
| Emergency procedures | : Evacuate unnecessary personnel. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use appropriate personal protection equipment (PPE). Ventilate area. |

### 6.2. Environmental precautions

Do not allow water (or moist air) contact with this material. Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- |                         |  |
|-------------------------|--|
| For containment         | : Absorb excess liquid spillage on inorganic adsorbent material such as fine sand, brick dust etc. Place spent adsorbent in sealed packages and contact specialist waste disposal contractor. Collect spillage. Keep away from ignition sources. Use only non-sparking tools.  |
| Methods for cleaning up | : Clear up spills immediately and dispose of waste safely. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Use only non-sparking tools. Notify experts. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Avoid contact of substance with water. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood. Observe very strict hygiene - avoid contact. Keep away from ignition sources. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. |
| Hygiene measures              | : Do not eat, drink or smoke in areas where product is used. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.  |

### 7.2. Conditions for safe storage, including any incompatibilities

- |                        |  |
|------------------------|--|
| Technical measures     | : Comply with applicable regulations.  |
| Storage conditions     | : Keep away from ignition sources. Keep container tightly closed. Keep cool. Keep in fireproof place. Store in a dry place. Store at temperatures not exceeding ...°C/...°F. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible products  | : Amines. Oxidizing agents. Alkali metals. Water. Alcohols. Strong bases. Strong acids.  |
| Incompatible materials | : Sources of ignition. Direct sunlight.  |
| Storage temperature    | : < 24 °C  |

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>M745-1300</b>	
No additional information available	
<b>ethyl-2-cyanoacrylate (7085-85-0)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH TWA (ppm)	0.2 ppm
ACGIH STEL (ppm)	1 ppm
<b>Proprietary Acrylated Monomer (Trade Secret)</b>	
No additional information available	

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure all national/local regulations are observed. Avoid all unnecessary exposure.

#### 8.3. Individual protection measures/Personal protective equipment

##### Personal protective equipment:

Protective clothing. Protective goggles. Gloves. Full protective flameproof clothing. Respiratory protection of the dependent type. Avoid all unnecessary exposure.

##### Materials for protective clothing:

Keep suitable chemically resistant protective clothing readily available for emergency use.

##### Hand protection:

Wear chemically resistant protective gloves. Wear protective gloves.

##### Eye protection:

Chemical goggles or safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear appropriate mask

##### Personal protective equipment symbol(s):



##### Other information:

Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colorless liquid.
Colour	: Colourless
Odour	: Irritating sharp
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 300 °F

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Flash point	: > 176 °F
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: < 0.2
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: > 450 °C
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Combustible liquid. Not established.

### 10.3. Possibility of hazardous reactions

Stable under normal conditions. Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. High temperature. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Moisture.

### 10.5. Incompatible materials

amines. and (strong) oxidizers. Oxidizing agent. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

None. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>ethyl-2-cyanoacrylate (7085-85-0)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Skin)

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.

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<b>ethyl-2-cyanoacrylate (7085-85-0)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Irritation of the eye tissue. Causes skin and eye irritation. Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause drowsiness or dizziness. May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause irritation to skin. Cyanoacrylate - Danger! - Bonds skin and eyes in seconds - Keep out of reach of children.
Symptoms/effects after eye contact	: Causes eye irritation. Cyanoacrylate - Danger! - Bonds skin and eyes in seconds - Keep out of reach of children.
Symptoms/effects after ingestion	: Ingestion unlikely. Unliky to occur since material will harden in the mouth.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : No data available.

### 12.2. Persistence and degradability

<b>M745-1300</b>	
Persistence and degradability	No data available. Not established.

<b>ethyl-2-cyanoacrylate (7085-85-0)</b>	
Persistence and degradability	Biodegradability in water: no data available.

### 12.3. Bioaccumulative potential

<b>M745-1300</b>	
Bioaccumulative potential	Not established.

<b>ethyl-2-cyanoacrylate (7085-85-0)</b>	
Log Pow	0.776 (Experimental value, EU Method A.8: Partition Coefficient, 22 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

### 12.4. Mobility in soil

<b>ethyl-2-cyanoacrylate (7085-85-0)</b>	
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Remove waste in accordance with local and/or national regulations.  
Sewage disposal recommendations : Do not discharge into drains or the environment.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

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### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN3334 Aviation regulated liquid, n.o.s., 9  
UN-No.(DOT) : UN3334  
Proper Shipping Name (DOT) : Aviation regulated liquid, n.o.s.  
Class (DOT) : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140  
Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx) : 204  
DOT Symbols : A - Material is regulated as a hazardous material only when transported by air, G - Identifies PSN requiring a technical name  
DOT Special Provisions (49 CFR 172.102) : A35 - This includes any material which is not covered by any of the other classes but which has an anesthetic, narcotic, noxious or other similar properties such that, in the event of spillage or leakage on an aircraft, extreme annoyance or discomfort could be caused to crew members so as to prevent the correct performance of assigned duties.  
A189 - Except where the defining criteria of another class or division are met, concentrations of formaldehyde solution: a. With less than 25 percent but not less than 10 percent formaldehyde, must be described as UN3334, Aviation regulated liquid, n.o.s.; and b. With less than 10 percent formaldehyde, are not subject to this subchapter.  
DOT Packaging Exceptions (49 CFR 173.xxx) : 155  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 450 L  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 450 L  
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
Emergency Response Guide (ERG) Number : 171  
Other information : No supplementary information available.

#### Transportation of Dangerous Goods

Not applicable

#### Transport by sea

Transport document description (IMDG) : UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9  
UN-No. (IMDG) : 3334  
Proper Shipping Name (IMDG) : AVIATION REGULATED LIQUID, N.O.S.  
Class (IMDG) : 9 - Miscellaneous dangerous substances and articles

#### Air transport

Transport document description (IATA) : UN 3334 Aviation regulated liquid, n.o.s., 9, III  
UN-No. (IATA) : 3334  
Proper Shipping Name (IATA) : Aviation regulated liquid, n.o.s.  
Class (IATA) : 9 - Miscellaneous Dangerous Goods  
Packing group (IATA) : III - Minor Danger

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

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SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard Reactive hazard
ethyl-2-cyanoacrylate (7085-85-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

#### 15.2. International regulations

##### CANADA

ethyl-2-cyanoacrylate (7085-85-0)
Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

##### National regulations

M745-1300
This product is listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements

#### 15.3. US State regulations

Component	State or local regulations
ethyl-2-cyanoacrylate(7085-85-0)	U.S. - New Jersey - Right to Know Hazardous Substance List

### SECTION 16: Other information

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Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H-statements:

H227	Combustible liquid
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)

Physical : 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

SDS US (GHS HazCom 2012)



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