



## SAFETY DATA SHEET

234 Premium Heavy Duty Clear Adhesive

Date Issued: 7/23/20

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### SECTION 1 – COMPANY and PRODUCT IDENTIFICATION

MANUFACTURER

Roman Products, LLC  
824 State Street  
Calumet City, IL 60409  
United States

Tel: 708-891-0770  
Fax: 708-891-4746  
technicalhelp@romandec.com

EMERGENCY TELEPHONE NUMBER

1-708-891-0770

Product Class

Starch based wallpaper adhesive.

Trade Name

Dynamite 234 Premium Heavy Duty Clear Adhesive

### SECTION 2 – HAZARDS IDENTIFICATION

**Product Classification:** No need for classification according to GHS criteria.

**Effects of acute toxicity:**

EYES: Direct contact may cause irritation.

SKIN: May cause irritation to sensitive skin or open wounds.

INHALATION: May cause irritation to respiratory passages.

INGESTION: May cause nausea.

**Precautions:**

Wear suitable protective clothing, gloves and eye protection.

If the product adheres to exposed skin, irritation may occur when the product dries.

Use with local exhaust ventilation.

Do not take internally. Do not eat this product. Wash hands before eating or drinking.

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## SECTION 3 – COMPOSITION / INFORMATION on INGREDIENTS

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INGREDIENT	Content (By Weight)	TLV PPM	PEL - TWA PPM
<b>Starch (Corn starch)</b> <b>CAS # 9005-25-8</b>	24.0 - 28.0%	N.E.	N.E.
<b>Carbamide (Urea)</b> <b>CAS # 57-13-6</b>	4.0 - 8.0%	N.E.	N.E.
<b>All other ingredients in this waterborne product are trade secret.</b>	64.0 - 72.0%	N.A.	N.A.

There are no ingredients in this product of unknown acute toxicity.

N.E. = Not Established

N.A. = Not Applicable

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## SECTION 4 – FIRST-AID MEASURES

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**Inhalation:** If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms of difficulty in breathing continue, get immediate medical attention.

**Skin:** Rinse skin immediately with plenty of clean water for 5 to 10 minutes. Remove contaminated clothing. If skin irritation occurs get medical advice/attention.

**Eye(s):** Rinse cautiously with water for several minutes. Remove contact lenses if present and if it is easy to do so. Continue rinsing. If eye irritation persists get medical advice/attention.

**Ingestion:** If swallowed, do not induce vomiting. If conscious, give 2 to 3 glasses of water and seek medical advice/attention immediately.

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## SECTION 5 – FIRE-FIGHTING MEASURES

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**Extinguishing Media:** Carbon dioxide, dry chemical, foam, or water spray

**Unusual Fire and Explosion Hazards:** None known

**Special Fire Fighting Procedures:** Water can be used to cool fire-exposed containers. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**Steps to be taken in case material is released or spilled:** Observe all personal protective equipment recommendations described in Section 8. Wipe up or scrape up spilled material and contain for disposal. Final cleaning may require use of hot water and/or detergents. Dispose of saturated absorbent or cleaning materials appropriately.

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## SECTION 7 – HANDLING and STORAGE

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**Precautions for safe handling:** Keep away from extreme heat. Do not get in eyes, on skin, on clothing. Do not swallow product. Wash thoroughly after handling. Use with adequate ventilation.

**Conditions for safe storage:** Store in a cool, dry place in the original container. Keep container closed when not in use. Store the product away from strong oxidizing chemicals. Avoid extreme heat. Store above 7 °C (45 °F). Product will freeze below 0 °C (32 °F).

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Respiratory Protection:** Use with adequate ventilation.

**Skin Protection:** Chemical resistant gloves are recommended for prolonged exposure.

**Eye Protection:** Wear safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: None required.

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## SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

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Appearance (Physical state, color):	Thick fluid paste, off white
Odor:	Mild, faintly sweet
Odor Threshold:	No information is available.
pH:	5.0 – 6.5
Melting point:	No data is available.
Initial Boiling Point & Boiling Range:	100 °C to 244 °C (212 °F to 471 °F)
Flash Point:	>94 °C (>201 °F)
Evaporation Rate:	Slower than Ether
Flammability:	Nonflammable
Upper/Lower Flammability Limits:	No data is available.
Vapor Pressure:	17.5 mm Hg @ 20 °C (68 °F)
Vapor Density:	Heavier than air
Density:	1.14 g/cm <sup>3</sup> (9.5 Lbs/gal) 21 °C (70 °F)
Solubility (in water):	Dispersible in water
Partition coefficient (n-octanol/water):	No data is available.
Auto-ignition temperature:	No data is available.
Decomposition temperature:	>250 °C (482 °F)
Viscosity (Brookfield RV, 5 rpm):	240,000 cP ±80,000 @ 21 °C (70 °F)

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## SECTION 10 – STABILITY and REACTIVITY

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**Reactivity:** No hazardous reactions if stored and handled as prescribed.

**Chemical Stability:** The product is stable if stored and handled as prescribed.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide, and hydrocarbons.

**Hazardous polymerization:** Will not occur. The product is chemically stable.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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**Primary routes of exposure:** Routes of entry for the product into the human body are accidental ingestion, accidental eye contact, and prolonged skin contact. Inhalation of the vapor released from the product as it dries is dependent upon the absence of proper ventilation during use of the product.

**Acute Toxicity/Effects:**

EYES: Direct contact may cause irritation.

SKIN: May cause irritation to sensitive skin or open wounds.

INHALATION: May cause irritation to respiratory passages.

INGESTION: May cause nausea/gastrointestinal distress.

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

No human toxicological studies (Oral, Inhalation or Dermal) have been conducted on this compounded product.

No animal toxicological studies (Oral, Inhalation or Dermal) have been conducted on this compounded product.

**Chronic Toxicity/Effects:**

EYES: No data available.

SKIN: No data available.

INHALATION: No data available.

INGESTION: No data available.

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## SECTION 12 – ECOLOGICAL INFORMATION

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**Ecological Fate:** \* No data available.

**Persistence/Degradability:** \* No data available.

**Bioaccumulation Potential:** \* No data available.

**Mobility in Soil:** \* No data available.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

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Dispose of unused product and/or empty containers in accordance with local, regional, national, and/or international regulations.

Do not discharge into drains/surface waters/groundwater or open ground/soil.

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## SECTION 14 – TRANSPORT INFORMATION

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**DOT Proper Shipping Name:** Not Regulated by D.O.T.

**DOT Hazard Class:** None

**DOT UN/NA Number:** None

**Packing Group:** None

**IMO/IMDG – International Maritime Transport Shipping Name:** Not Regulated.

**IATA – International Air Transportation Association:** Not Regulated.

Do not transport this product on passenger seats or inside the passenger compartment of any vehicle. Transport product in the cargo area of the vehicle and secure it on and under protective cloths or plastic wrap to prevent damage due to accidental spills.

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## SECTION 15 – REGULATORY INFORMATION

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SARA Title III – No substances are contained in this product subject to the reporting requirements of EPCRA Section 313 of the Super Fund Amendments and Reauthorization Act, 40 CFR Part 372.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

### California Prop. 65

**WARNING:** This product can expose you to chemicals including Acetaldehyde, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Warning:** This product contains Methanol which if consumed (ingested) is known to the state of California to cause birth defects or other reproductive harm. **Do not eat this product.** For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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## SECTION 16 – OTHER INFORMATION

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### Hazardous Materials Identification System (HMIS)

<b>Health</b>	<b>Flammability</b>	<b>Physical Hazard</b>	<b>Personal Protection Equipment (PPE)</b>
1	0	0	B – Safety glasses and gloves

**Legend:** 0 = Insignificant    1 = Slight    2 = Moderate    3 = High

Other Precautions: Keep out of the reach of children. Do not eat this product.

Protect from freezing.

Do not reuse empty pail to store food or to carry drinking water.

### **Disclaimer/Statement of Liability:**

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to verify the suitability and completeness of such information for a particular use. Gardner-Gibson does not accept liability for any loss or damage that may occur from the use of this information.

**Prepared by: Morton Jones**  
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