

**NATIONAL CASEIN® COMPANY**  
**MATERIAL SAFETY DATA SHEET**

No. X-NH10

<b>SECTION I General Information</b>	<b>Emergency Telephone Number</b>
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Company Name and Address:  
**National Casein® Company**  
601 West 80th Street  
Chicago, Illinois 60620

Business Hours:  
773-846-7300  
24 Hour Emergency:  
Chemtrec 1-800-424-9300

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Latest Revisions: **2/07**  
Supersedes: 3/05

Trade Name(s) and Synonyms:  
WP-2139 Series, Wood-Stik RE21, Wood-Stik RE211

Crosslinking Adhesive

<b>SECTION II Hazardous Ingredients</b>	<b>Approx %</b>	<b>Exposure Limits</b>
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N/A

This is a nonhazardous MSDS.  
Any hazardous constituents are at  
levels below those required for  
reporting under 29 CFR 1910.1200.

<b>SECTION III Physical and Chemical Characteristics</b>
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**Boiling Point (F):** 212-220°

**Specific Gravity (Approx.):** 1.06

**% Volatiles (Approx.):** 53

**pH (Approx.):** 5.0 - 6.1

**Physical and Chemical Descriptions:**  
Viscous, water base, liquid emulsion with  
slight odor.

Formulated Product Mixture

<b>SECTION IV Physical Hazards (Fire and Explosion)</b>
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**Flash Point:** N/A (water base)

**Extinguishing Media:** Water, foam, CO<sub>2</sub>

**Hazardous Decomposition Products:** None known.

**Unusual Fire and Explosion Hazards/Procedures:** None known.

SECTION V Health Hazard Data

**Exposure Limits:**

See Section II.

**Primary Route of Entry (Target Organs):**

**Inhalation:** Respiratory system

**Contact:** Eyes, skin

**Ingestion:** Digestive tract

**Emergency and First Aid Procedures:**

**Inhalation:** Move to fresh air. Give artificial respiration if victim is not breathing or oxygen if breathing is labored. Immediately contact medical assistance.

**Eyes:** Flush with water for 20 minutes. Seek medical attention if symptoms develop.

**Skin:** Wash off thoroughly with soap and water. Launder contaminated clothing prior to reuse. Seek medical attention if symptoms persist.

**Ingestion:** Drink large quantities of water. Contact poison control center or physician for further direction.

**Chronic Health Hazards:**

None known.

**Effects of Overexposure:**

No health problem is anticipated, but overexposure to any industrial chemical could result in irritation to human tissue contacted.

**Carcinogenic Status:**

No components at or above 0.1% of this product are listed by IARC, OSHA, NTP, or ACGIH as a carcinogen.

**Conditions Aggravated by Exposure:**

None known.

SECTION VI Chemical Hazard Data (Reactivity)

**Stability (Conditions to Avoid):** Stable (avoid freezing or high heat).

**Incompatibility (Materials to Avoid):** Contamination may cause coagulation.

**Hazardous Decomposition Products:** None known.

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SECTION VII Spill or Leak Procedures

**Steps to be taken if Released or Spilled:** Dike with absorbent material to prevent release to sewer system, surface water, groundwater, or any other water body. Scoop into container for salvage or disposal. Dispose in accordance with federal, state, and local regulations.

**Waste Disposal Method:** Solidify with inert substance if product is liquid. Let dry and dispose according to federal, state and local regulations.

SECTION VIII Special Protection Information

**Ventilation:** General ventilation is needed.

**Respiratory Protection:** Not normally needed unless used in an enclosed area without ventilation.

**Eye Protection:** Chemical safety glasses or goggles may be required if employees are exposed to excessive splashing.

**Protective Gloves:** Rubber or plastic gloves are recommended.

**Other Protective Equipment:** Protective clothing suggested if employees are exposed to excessive splashing.

SECTION IX Special Precautions/Procedures/Comments

**Precautions in Handling and Storing:**

Avoid contamination and extreme temperatures. Keep container closed.

**Comments:** Avoid overexposure to all chemical products.

SARA, TITLE III, SEC. 313 NOTIFICATION  
See Section II - Chemicals marked with an asterisk (\*) are subject to reporting requirements of Sec. 313.

NATIONAL CASEIN® PRODUCT HAZARD RATING  
REALISTIC FOR USE:  
(NONE-LOW-MEDIUM-HIGH)  
HEALTH - Low (1)  
FIRE - None (0)  
REACTIVITY - None (0)

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, National Casein® Company makes no warranty with respect thereto and disclaims all liability from reliance thereon.