

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

WAUWATOSA / IDC / NASHOTAH
ADHESIVE - KARONA
WOOD STICK - POWDER

No. S-1

11/03

SECTION I General Information

Emergency Telephone Number

<p>Company Name and Address: National Casein® Company 601 West 80th Street Chicago, Illinois 60620</p>	<p>Business Hours: 773-846-7300 24 Hour Emergency: Chemtrec 1-800-424-9300 Latest Revisions: 2/02 Supersedes: 2/02</p>
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Trade Name(s) and Synonyms: MUF-Series, 39-52, 154-38C, 39-75, 43-90, 43-90-1, 43-90-2, SPLYSET, SPLYSET 200 Series, SPLYSET 226-8-2, SPLYSET 400, WoodStik MUF, 4390-1, 4390-2, 4390-4, Wood-Stik MMP

Powdered Melamine and Urea Formaldehyde Resin Glue

SECTION II Hazardous Ingredients Approx. % Exposure Limits

Formaldehyde (50-00-0) *	1	TLV 1ppm (ACGIH) STEL 2ppm (ACGIH) PEL 0.75ppm (OSHA) STEL 2ppm/15 Min. (OSHA) Ceiling 0.3 ppm/0.37 mg/m ³ (ACGIH) Action Level 0.5 ppm (OSHA) LD50 (oral-rat) 800 mg/kg
Dust/Particulates N.O.S.	10	TLV 5mg/m ³ (ACGIH) (Respirable Dust) PEL 15mg/m ³ Total Particulate (OSHA) 5mg/m ³ Respirable Fraction (OSHA)
Ammonium chloride (12125-02-9)	1-5	TLV 10mg/m ³ (ACGIH-respirable dust) LD50 (oral-rat) 1650 mg/kg

SECTION III Physical and Chemical Characteristics

<p><u>Boiling Point (F):</u> N/A <u>Specific Gravity:</u> N/A <u>% Volatile (Approx.):</u> N/A <u>pH:</u> N/A</p>	<p><u>Physical and Chemical Descriptions:</u> Tan or white powder with slight formaldehyde odor.</p>
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SECTION VI Chemical Hazard Data (Reactivity)Stability (Conditions to Avoid): StableCompatibility (Materials to Avoid): MoistureHazardous Decomposition Products: FormaldehydeSECTION VII Spill or Leak ProceduresSteps to be taken if Released or Spilled: Prevent spilled material from entering sewer system, groundwater, surface water, or any other body of water. Contain spilled material. Scoop into labeled container for disposal.Waste Disposal Method: Dispose of in accordance with federal, state, and local regulations.SECTION VIII Special Protection InformationVentilation: Some ventilation needed.Respiratory Protection: Dust maskEye Protection: Safety glasses/gogglesProtective Gloves: Rubber or plasticOther Protective Equipment: Protective equipmentSECTION IX Special Precautions/Procedures/CommentsPrecautions in Handling and Storing: Avoid moisture. Keep container closed.Comments: Product is included on the Canadian Domestic Substance List. In normal use, the Hazard Level of this product is 2.

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	MEDIUM	2
	FIRE	LOW	1
	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.