

**VACUUM PRESSING SYSTEMS INC.**  
**MATERIAL SAFETY DATA SHEET**

No. 4012

**SECTION I General Information** **Emergency Telephone Number**

<b>Company Name and Address:</b>  <b>Vacuum Pressing Systems Inc.</b> 553 River Road Brunswick, Maine 04011	<b>Technical Assistance:</b> 207-725-0935 <b>24 Hour Emergency:</b> Chemtrec 1-800-424-9300  <b>Latest Revisions:</b> 2/12 <b>Supersedes:</b>
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Trade Name(s) and Synonyms: H800

**POWDERED UREA RESIN CATALYST**

**SECTION II Hazardous Ingredients Approx % Exposure Limits**

Dust/Particulate N.O.S.	10%	TLV 3mg/m <sup>3</sup> (ACGIH) (Respirable Dust) TLV 10mg/m <sup>3</sup> (ACGIH) (Inhalable Dust) PEL 15mg/m <sup>3</sup> TWA (OSHA) (Total Particulate Dust) PEL 5mg/m <sup>3</sup> TWA (OSHA) (Respirable Fraction Dust)
Ammonium Chloride (12125-02-9) (Fume)	15%	TLV 10mg/m <sup>3</sup> TWA (ACGIH) TLV 20mg/m <sup>3</sup> STEL(ACGIH)

**SECTION III Physical and Chemical Characteristics**

<b><u>Boiling Point (F):</u></b> N/A  <b><u>Specific Gravity:</u></b> N/A  <b><u>% Volatile (Approx.):</u></b> N/A  <b><u>pH:</u></b> N/A	<b><u>Physical and Chemical Descriptions:</u></b> Powdered mixture  Color: Tan or Brown Odor: Slight
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**SECTION IV Physical Hazards (Fire and Explosion)**

**Flash Point:** N/A

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

**Hazardous Decomposition Products:** Vapors of Ammonia and Hydrochloric Acid

**Unusual Fire and Explosion Hazards/Procedures:** High concentration of dust in air is a potential explosion hazard. Wear NIOSH approved SCBA for fighting fire as toxic gases may be present.

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**SECTION V Health Hazard Data**

**Exposure Limits:** N/A for mixture. See Section II.

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

**Inhalation:** Respiratory system. May irritate nose, throat and lungs.

**Contact:** Eyes and skin. May cause skin irritation and/or burn eyes.

**Ingestion:** Digestive tract. May irritate mouth, esophagus and stomach.

**Emergency and First Aid Procedures:**

**Inhalation:** Move to fresh air. Give artificial respiration if not breathing. Contact physician.

**Eyes:** Flush thoroughly with water for at least 15 minutes. Hold eyelids apart to insure entire surface is thoroughly washed. Seek medical attention.

**Skin:** Wash off thoroughly with soap and water. Wash clothing prior to reuse.

**Ingestion:** Drink large quantity of water. Do not induce vomiting. Contact physician or poison control center. Do not give anything to an unconscious person.

**Chronic Health Hazards:** None known.

**Effects of Overexposure:** No health problem is anticipated, but as an industrial product, overexposure may result in irritation to any human tissue contacted.

**Carcinogenic Status:** No components at or greater than 0.1% are listed by NTP, OSHA, or IARC as carcinogens.

**Conditions Aggravated by Exposure:** None known.

**SECTION VI Chemical Hazard Data (Reactivity)**

**Stability (Conditions to Avoid):** Stable under normal conditions.

**Incompatibility (Materials to Avoid):** Moisture. Keep away from alkalies, acids, nitrates and nitrites.

**Hazardous Decomposition Products:** If heated beyond 340° C, may decompose to release ammonia or hydrogen chloride gases.

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## SECTION VII Spill or Leak Procedures

**Steps to be taken if Released or Spilled:** Prevent spilled material from entering sewer system, groundwater, surface water, or any other body of water. Scoop into labeled container for salvage or disposal.

**Waste Disposal Method:** Dispose of in accordance with federal, state, and local regulations.

## SECTION VIII Special Protection Information

**Ventilation:** Some ventilation needed.

**Respiratory Protection:** An ANSI approved respirator for particulate dust may be needed if exposure limits are exceeded. Avoid breathing dust or fumes if heated.

**Eye Protection:** Safety glasses or goggles should be worn.

**Protective Gloves:** Plastic or rubber gloves should be worn. Cotton gloves are adequate when working only with dry product.

**Other Protective Equipment:** Protective clothing such as long-sleeved shirt and long pants should be worn.

## SECTION IX Special Precautions/Procedures/Comments

**Precautions in Handling and Storing:** Avoid moisture. Keep container closed. Store in a cool, dry, well ventilated area away from acids, alkalies, nitrites and nitrates. During handling, avoid getting into eyes and prolonged skin contact. Avoid breathing dust or fumes.

**Comments:** In normal use, the hazard level of this product is low.

SARA, TITLE III, SEC. 313 NOTIFICATION See Section II - Chemicals marked with an asterisk (*) are subject to reporting requirements of Sec. 313.	PRODUCT HAZARD RATING REALISTIC FOR USE: (NONE-LOW-MEDIUM-HIGH)		
	HEALTH	LOW	1
	FIRE	LOW	1
	REACTIVITY	NONE	0

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Vacuum Pressing Systems Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.