

**MATERIAL SAFETY DATA SHEET**

NOVOID X

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 DATE REVISED: 01/2/08  
 MSDS No.: 004

**G&W ELECTRIC COMPANY**  
 3500 W. 127<sup>th</sup> Street  
 Blue Island, Illinois U.S.A.  
 60406

**EMERGENCY TELEPHONES:**  
 Health Information:  
 (708) 388-5010  
 Spill Information:  
 (800) 424-9300 (CHEMTREC)

**1. MATERIAL IDENTIFICATION**

Product Identifier: G&W SPEC. #222  
 General Use: High Voltage Insulating Compound  
 Chemical Family: Mixture

**2. INGREDIENTS**

	<u>wt. %</u>	<u>CAS #</u>
Castor Oil	80	8001-79-4
Vinsol Resin (Pine Resin)	20	8050-09-7

EXPOSURE LIMITS 8 hrs. TWA

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Castor Oil	None	None
*Vinsol Resin	5 mg/m <sup>3</sup> (Respirable) 15 mg/m <sup>3</sup> (Total)	3 mg/m <sup>3</sup> (Respirable) 10 mg/m <sup>3</sup> (Inhalable)

\* Vinsol resin exposure limits for material if used under conditions that generate dust. If this product is heated to temperatures sufficient to produce smoke or fume, maintain exposure to the lowest achievable concentration using recommended engineering controls and personal protective equipment.

**3. HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

**SOLID RESIN:**

Skin, eye and respiratory irritation from excessive dust exposure. May cause allergic skin reaction in susceptible individuals. May form flammable dust-air mixture and flash fire.

**HOT MOLTEN MATERIAL:**

Skin and eye burns from contact with hot material. Inhalation of excessive smoke or fume may cause throat irritation, coughing or breathing difficulty.

**POTENTIAL HEALTH EFFECTS**

**INHALATION:**

Respiratory irritation and sensitization

**EYE CONTACT:**

Eye irritation

**SKIN CONTACT:**

Skin irritation and sensitization

**INGESTION:**

Gastrointestinal irritation

**4. FIRST AID MEASURES**

**INHALATION:**

Remove victim to fresh air. Call physician.

**EYE CONTACT:**

Flush solid material thoroughly with water. Cool burns with plenty of water. Get medical attention.

**SKIN CONTACT:**

Wash solid material with soap and warm water. Cool burns with water and cold packs. Do not put ice directly on the skin. Do not attempt to remove solidified resin from the skin as severe tissue damage may result. Get medical attention.

**5. FIRE FIGHTING MEASURES**

Flashpoint and Method: 450°F ASTM D92

Flammable Limits: N/A

**EXTINGUISHING MEDIA:**

CO<sub>2</sub> powder, dry chemical, foam.

**FIRE FIGHTING INSTRUCTIONS:**

Methods suitable for petroleum fires.

**HAZARDOUS COMBUSTION PRODUCTS:**

CO, CO<sub>2</sub>

**6. ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:**

Isolate and contain spill. Use appropriate personal protective equipment. Scoop up and return to container, if not contaminated.

**7. HANDLING AND STORAGE**

**GENERAL:**

Store in cool, dry, well ventilated area away from heat, ignition sources and direct sunlight. Keep container closed when not in use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING AND ADMINISTRATIVE CONTROLS:**

Use only in well ventilated areas. Persons handling this material should observe reasonable safety precautions and cleanliness.

**PERSONAL PROTECTIVE EQUIPMENT:**

Skin and splash protection. Wear chemical resistant gloves, safety goggles and face shields as needed. Those exposed to hot, molten material should wear thermal protective clothing.

**RESPIRATORS:**

Use only NIOSH-approved respirators when material is overheated, ventilation is poor and/or exposure to airborne material may exceed acceptable limits.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Vapor Pressure: N/A

Specific Gravity: 1.17 (Water = 1)

Solubility in Water: Nil

Boiling Point: N/A

Vapor Density: N/A

Evaporation Rate: 0 (Butyl acetate = 1)

Melting Point: N/A

Appearance: Dark brown solid

Odor: No odor at room temperature

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable

**CONDITIONS TO AVOID:**

Avoid open flames

**INCOMPATIBLE MATERIALS:**

Strong oxidizing agents

**HAZARDOUS DECOMPOSITION:**

Burning liberates carbon monoxide, carbon dioxide and smoke.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**HUMAN TOXICOLOGY:**

Resin may cause skin, eye and respiratory irritation. This product contains rosin and rosin derivatives. Rosin and some rosin derivatives have been reported to cause allergic skin and respiratory reactions in susceptible individuals after repeated or excessive contact.

**CARCINOGENICITY:**

NTP - No    IARC - No    OSHA - No    ACGIH - No

**12. ECOLOGICAL INFORMATION**

No information available.

**13. DISPOSAL CONSIDERATIONS**

General waste disposal for solid and semi-solid materials may be allowed. Ensure that there are no restrictions on disposal of waste material. Consult local, state and federal regulations for compliance.

**14. TRANSPORTATION INFORMATION**

**DOT INFORMATION:**

This product not regulated by USDOT as shipped.

## **15. REGULATORY INFORMATION**

**EPA:**

This product not regulated as a CERCLA Hazardous Substance, and does not contain materials subject to reporting under SARA Title III, Sections 302, 304 and 313.

**CHEMICAL INVENTORIES:**

US TSCA, European EINECS, Canadian SEPA, Korean KECL.

**States:**

None

## **16. OTHER INFORMATION**

**NFPA Rating ( Hot, molten material):**

Health: 3    Flammability: 1    Reactivity: 0

**HMIS Rating (Hot, molten material):**

Health: 3    Flammability: 1    Reactivity: 0

**NOTICE:** This Material Safety Data Sheet (MSDS) conforms to the requirements of OSHA 29 CFR Part 1910 and State of California CCR Title 8, and the recommendations in ANSI Z400.1. The information it contains is offered in good faith as accurate. We have reviewed the information contained in this MSDS which we received from sources outside our company. We believe that information to be correct, but we make no representations as to the accuracy or completeness thereof. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. We disclaim any liability for damage or injury which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including warranty of merchantability) or representation (including freedom from any patent liability) by us with respect to the information, the product described, or their use for any specific purpose, even if that purpose is known to us. In no event will we be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.