

MATERIAL SAFETY DATA SHEET

NOVOID "C"

Page 1 of 6
DATE REVISED: 03/14/00
MSDS No.: 011

G&W ELECTRIC COMPANY
3500 West 127th Street
Blue Island, Illinois U.S.A.
60406

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

1. MATERIAL IDENTIFICATION

Product Identifier: G&W #221
General Use: High Voltage Insulating Compound
Chemical Family: Mixture

2. INGREDIENTS

	<u>wt. %</u>	<u>CAS #</u>
Asphalt	50-99	8052-42-4
Petroleum Oil	0-30	64741-95-3
Refined Petroleum Wax (Slack Wax)	0-35	64742-61-6

OSHA HAZARDOUS COMPONENTS (29CFR 1910.1200):

TWA/EV	OSHA PEL	EXPOSURE LIMITS 8 hrs. TWA		
		ACGIH TLV	NIOSH REL	CANADA
Asphalt	None	5 mg/m ³	5 mg/m ³	5 mg/m ³
Petroleum Oil	100 ppm	100 ppm	None	None
Refined Petroleum Wax	2 mg/m ³	2 mg/m ³	None	None

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

Thermal burns may result from contact with hot material.

Asphalt may contain sulfur compounds which may form hydrogen sulfide when heated. Signs and symptoms of overexposure to hydrogen sulfide include respiratory tract irritation, headache, dizziness, nausea, gastrointestinal disturbance, coughing, a sensation of dryness and pain in the nose, throat, and chest, unconsciousness, and confusion. Hydrogen sulfide concentrations of 700-1000 ppm can be extremely hazardous or fatal.

4. FIRST AID MEASURES

INHALATION:

Move the person to fresh air. If breathing has stopped, apply artificial respiration and get medical attention.

EYE CONTACT:

Flush eyes immediately with plenty of water. Seek medical attention.

SKIN CONTACT:

If hot material gets on skin, quickly cool in water. Seek medical attention. Use vegetable or mineral oil to remove material from skin. DO NOT try to peel the solidified material from the skin or use solvents to dissolve it.

INGESTION:

DO NOT induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: 450°F (227°C) C.O.C.

Flammable Limits: N/A

EXTINGUISHING MEDIA:

Carbon dioxide (CO₂), dry chemical, foam.

FIRE FIGHTING INSTRUCTIONS:

Treat as a hydrocarbon fire. DO NOT direct water on asphalt fires as it may cause violent eruptions and spreading of hot asphalt. Water may be used to cool containers in fire exposed area. Minimize breathing vapors, gases or fumes of decomposition products. Use supplied-air respirators for enclosed or confined spaces.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon oxides, sulfur oxides, hydrogen sulfide, smoke, fumes.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL:

Eliminate sources of ignition. Recover free product. Add suitable absorbent to spill area. Let cool and solidify. Scrape up into suitable containers for disposal.

WATER SPILL:

Keep material out of sewers and waterways by diking or impounding. Advise authorities if product may or has entered sewers or waterways. Comply with applicable governmental regulations.

7. HANDLING AND STORAGE

HANDLING:

Minimize exposure to liquids, vapors, mists or fumes. Use with adequate ventilation. Avoid prolonged and repeated contact with skin. Adhere to good hygienic practices. Avoid open flames.

STORAGE:

Store in a cool, dry place, out of direct sunlight and away from heat, sparks and open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

General ventilation. Use local exhaust ventilation in enclosed areas.

PERSONAL PROTECTIVE EQUIPMENT:

Safety glasses or face shield, and insulated gloves for hot material. Long sleeves and impervious clothing to protect against splashed hot material.

RESPIRATORS:

None required as long as sufficient ventilation provided to maintain vapor levels below PEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure: <0.1 mm Hg
Specific Gravity: 0.95-1.05
(Water = 1)
Solubility in Water: Negligible
Boiling Point: 900°F

Vapor Density: > 5 (Air = 1)
Evaporation Rate: <0.01
(Butyl Acetate = 1)
Appearance: Black semi-solid to solid
Odor: Asphalt odor

Melting Point: 70-400°F

10. STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITIONS TO AVOID:

Do not overheat product. Auto-ignition may occur if heated beyond 600 F.

INCOMPATIBLE MATERIALS:

May react with strong oxidizing materials. Contact between molten asphalt and water may cause violent eruptions and spreading of hot asphalt.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon oxides, sulfur oxides, hydrogen sulfide.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICOLOGY:
No information available.

CARCINOGENICITY: NTP: No IARC: No OSHA: No ACGIH: No

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

Information provided may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations, for additional requirements.

Solid: Non-Hazardous, Non-Regulated

Hot Liquid:

DOT Shipping Name:	Asphalt
DOT Label Information:	Elevated temperature material, liquid, n.o.s. (asphalt)
DOT Hazard Class:	9 (Miscellaneous)
DOT ID Number:	NA 9259
DOT Packing Group:	III

15. REGULATORY INFORMATION**EPA:**

CERCLA: Not Applicable

SARA Title III: Not Applicable

TSCA: Listed

CANADA:

DSL: Listed

States Lists:

California

Florida

Massachusetts

Minnesota

New Jersey

Pennsylvania

16. OTHER INFORMATION

This Material Safety Data Sheet(MSDS) conforms to the recommendations ANSI Z400.1. The information it contains is offered to you 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 cannot guarantee its accuracy or completeness. 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.