



## Ryertex

### Material Safety Data Sheet

**Product:** Grade CG (graphite)

**Composition:** Phenolic polymer laminate reinforced with canvas substrate and impregnated with graphite lubricant.

**Hazards:**

These materials are nonflammable. Fumes, if decomposed, may irritate eyes, nose or throat. These materials will dust when machined, punched or drilled and may cause skin or eye irritation. There are no hazardous ingredients at reportable levels found in this product.

**Potential Health Hazards:**

Skin:	Dust may cause moderate skin irritation.
Eyes:	Dust and/or fumes may cause moderate eye irritation.
Inhalation:	Dust and/or fumes may cause throat irritation.
Ingestion:	Not evaluated
Carcinogen:	Formaldehyde is designated a carcinogen on the following list: NTP / IARC / OSHA

**First Aid Measures**

Skin:	Wash off dust in streaming water or shower. Change clothing covered in dust.
Eyes:	Irrigate with streaming water for minimum of 15 minutes. If irritation persists, contact a doctor.
Inhalation:	Move to fresh air source if overcome with dust or smoke. If not breathing, provide mouth-to-mouth resuscitation and call a Doctor.
Ingestion:	If large amounts are ingested, consult a doctor
Note to Doctor	Treat symptomatically

**Fire Fighting**

These materials may give off toxic gases of formaldehyde and phenol when burning or when heated to decomposition. Firemen should wear protective equipment and positive pressure self-contained breathing equipment. Use water, CO<sub>2</sub> and dry chemical to extinguish fire.

**Accidental Release Measures:** Not applicable

**Handling & Storage:** Material has no shelf life.  
Should be stored in dry locations

**Exposure Controls:** Use exhaust ventilation to control dust.

**Skin Protection:** No precautions are necessary for brief contact with dust.  
Clean body covering clothing can be used.  
Use gloves/aprons with prolonged or frequent exposure.

**Eye Protection:** Use appropriate eye protection as is customary with manufacturing and production operations.

**Respiratory Protection:** Atmospheric levels of cotton dust should be maintained below exposure levels. When respiratory protection is required, use a HIOSH-approved respiratory.

**Exposure Guidelines:**

Ingredient Name	CAS#	CGIH TLV	OSHA PEL
Formaldehyde	(50-00-0)	0.3 PPM	0.75 PPM
Phenol	(108-95-2)	5.0 PPM	5.00 PPM
Graphite	(7782-42-5)	15.0 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**Physical and Chemical Properties:**

Materials are a solid, flat sheet with black colors. There may be a slight phenolic order. Specific gravity is 1.39

**Stability and Reactivity:** This product is considered stable.

**Hazardous Decomposition Products:**

CO, CO<sub>2</sub>, Phenol, & Formaldehyde if heated in excess of 300C

**Toxicological Data**

Ingredients of this material may cause moderate eye, skin and/or throat irritation. There are no known subchronic, chronic or delayed effects.

**Ecological and disposal issues**

These materials do not biodegrade and are not considered a RCRA hazardous waste if discarded. Disposal must be made in accordance with applicable local, state and federal regulations. All information is offered for the shipped/delivered product and any use or alteration such as mixing with other materials may change the characteristics of the materials and alter the RCRA classification and disposal method.

**Regulatory / Transport Information**

The resin components used to make these materials are on the TSCA inventory list and are not regulated by the US DOT.

**Other information:**

Contact customer service at 800-541-0251