

**NORPLEX™ PHENOLIC SHEETING**

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 Revision date: 02/14/2005  
 Print date: 6/7/2013  
 MSDS# ILN0208

**Product Identification:**

**Manufacturer Product Name:** SDN53, ES-1, ES-2, ES-3, ES-4  
**Other/Generic Names:** Engraving Stock Laminate

**Composition/Information On Ingredients:**

No hazardous ingredients at reportable levels are found in this product.

**Hazards Identification:**

A nonflammable sheet material. Dust when machined or punched may cause skin or eye irritation. Fumes, if decomposed, may irritate eyes, nose, and throat.

**Potential Health Hazards:**

**Skin:** Dust may cause moderate skin irritation.  
**Eyes:** Dust may cause moderate eye irritation. Fumes may irritate eyes.  
**Inhalation:** Dust or Fumes may cause irritation of the throat.  
**Ingestion:** Not determined.  
**Carcinogen:** Formaldehyde is designated a carcinogen on the following lists: NTP/IARC/OSHA

**First Aid Measures:**

**Skin:** Wash dust off in flowing water or shower. Change contaminated clothing.  
**Eyes:** Irrigate with flowing water for 15 minutes. If irritation persists, consult a physician.  
**Inhalation:** If overcome by dust or smoke, remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. Call physician.  
**Ingestion:** If large amounts are ingested, consult physician.  
**Advice To Physician:** Treat symptomatically

**Fire Fighting:**

May give off toxic gases of formaldehyde, ammonia and/or oxides of nitrogen, CO, CO<sub>2</sub>, and phenol when burning or when heated to decomposition. Firemen should wear proper protective equipment and positive pressure self-contained breathing apparatus. Use water, CO<sub>2</sub> and dry chemical to fight fire.

**Accidental Release Measures:**

Not applicable, material is an article.

**Handling and Storage:**

The primary exposure route is inhalation of dust when machined/punched or from fumes or vapors when heated.

**Exposure Controls:**

**Engineering Controls:** Use local exhaust ventilation to control dust.

**Personal Protective Equipment:**

**Skin Protection:** For brief contact to dust, no precautions other than clean body-covering clothing should be needed. Use gloves and aprons when prolonged or frequently repeated contact occurs.

**Eye Protection:** Use appropriate eye protection when machining material.

**Respiratory Protection:** Atmospheric levels of paper dust should be maintained below exposure guidelines. When respiratory protection is required for certain operations, use a NIOSH-approved dust respirator.

**Exposure Guidelines:**

<b>Ingredient Name:</b>	<b>CAS #</b>	<b>CGIH TLV</b>	<b>OSHA PEL</b>
Formaldehyde	(50-00-0)	0.3 PPM	0.75 PPM
Phenol	(108-95-2)	5 PPM	5 PPM

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**Physical and Chemical Properties:**

Solid, flat sheet material-optional colors. Possible slight phenolic odor. Specific Gravity, 1.4.

**Stability and Reactivity:**

This product is stable. Incompatibilities have not been determined.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, Phenol, and Formaldehyde, ammonia, oxides of nitrogen if heated in excess of 300 deg. C.

**Toxicological Information:**

May cause moderate eye, skin and throat irritation. No known delayed (Subchronic & Chronic) effects.

**Ecological and disposal considerations:**

Not biodegradable. Not considered a RCRA hazardous waste if discarded. Disposal must be made in accordance with all applicable Local, State and Federal regulations. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

**Regulatory/Transport Information:**

Not regulated by the US DOT. The resin system components used to make this material are on the TSCA inventory list.

**Manufacturer Contact Information:****Industrial Laminates/Norplex, Inc.**

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