

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME:

Nuvacor Flexible Grade

PRODUCT SYNONYM:

Polycarbonate Solid
Decorative Sheet

MANUFACTURER'S NAME AND ADDRESS

Nuvacor Corporation
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Jersey City, ,NJ 07304

TECHNICAL CONTACT:

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SECTION II - HAZARDOUS COMPONENTS

<u>COMPONENT</u> <u>(C.A.S. Number)</u>	<u>WEIGHT</u> <u>PERCENT (%)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Bisphenol-A-polycarbonate polymer (25971-63-5)	< 85	None Listed	None Listed

Additional Information:

Nuisance dust may be generated during fabrication operations. OSHA considers nuisance dust as Particulates Not Otherwise Regulated (PNOR) with an OSHA PEL of 15 mg/m³ (total dust) and 5 mg/m³ (respirable dust). ACGIH considers nuisance dust as Particulates Not Otherwise Classified (PNOC) with an ACGIH TLV of 10 mg/m³ (inhalable particulates) and 3 mg/m³ (respirable particulates).

SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR:

Solid sheet with very slight plastic odor.

MOLECULAR WEIGHT:

Not applicable to mixture.

SPECIFIC GRAVITY:

Specific gravity greater than water.

SOLUBILITY IN WATER:

Not soluble in water.

pH:

Not applicable to solid product.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (DEGREES F< PENSKEY MARTINS CLOSED CUP):

Not applicable to solid product.

FIRE EXTINGUISHING MEDIA:

Use water, carbon dioxide, foam or dry chemical extinguishing agents.

FLAMMABLE LIMITS:

substrate:

According to MSDS for the polycarbonate sheet used as a
LOWER: Not Established UPPER: Not Established

SPECIAL FIRE FIGHTING PROCEDURES:

In sustained fire, use positive pressure self-contained breathing apparatus and protective turnout clothing when involved in fire fighting activities.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product expected to burn similar to plastic materials.

HAZARDOUS COMBUSTION PRODUCTS:

May include intense heat, dense black smoke, carbon monoxide, carbon dioxide and hydrocarbon fragments.

SECTION V - REACTIVITY DATA

STABILITY:

Stable under normal conditions.

CONDITIONS TO AVOID:

Incompatible with oxidizing agents.

INCOMPATIBILITY:

Incompatible with oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, methane, phenolics, bisphenol-A-diphenyl carbonate.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization will not occur.

SECTION VI - HEALTH HAZARD INFORMATION

EXPOSURE FROM ROUTINE USE:

Operations such as sawing, routing and drilling may generate dust and irritating vapors that can cause irritation to the eyes, nose, throat, lungs, and skin.

EFFECTS OF OVEREXPOSURE:

SKIN AND EYE CONTACT: Solid or dust may cause irritation or corneal injury due to mechanical action. Dust may cause drying of skin.

INGESTION: Ingestion is unlikely due to physical state.

INHALATION: Dust or vapors may cause irritation to the upper respiratory tract. Irritation is reversible when exposure is terminated.

PROBABLE ROUTES OF EXPOSURE:

Skin, eyes, inhalation

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Flush eyes with plenty of water for dust in eyes. Remove affected individual to fresh air if eyes are irritated from dust or vapor.

SKIN CONTACT: Wash off dust with water

INHALATION: Remove to fresh air if effects occur. Consult a physician.

INGESTION: No adverse effects anticipated by this route of exposure.

SECTION VII - TOXICITY DATA

<u>ORAL:</u>	No data available
<u>DERMAL:</u>	No data available
<u>INHALATION:</u>	No data available
<u>EYE:</u>	No data available
<u>CARCINOGENICITY:</u>	No data available

SECTION VIII - SPECIAL PROTECTION INFORMATION

WORK AND HYGIENE PRACTICES:

Wear gloves to protect hands from edges of product. Practice good personal hygiene when fabricating product. After contact with dust from fabrication operations, wash hands before eating, drinking or smoking. Do not eat, drink or smoke in areas where the product is being cut or sawn. Avoid blowing dust with compressed air.

STORAGE AND HANDLING PRACTICES:

No special storage procedures required. Clean up shavings after cutting sheets.

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:

Do not use compressed air to remove dust. Use vacuum or wet sweeping methods.

VENTILATION AND ENGINEERING CONTROLS:

Provide adequate general and local exhaust ventilation to maintain airborne concentrations below the exposure limits. Enclose fabrication operations, where possible to minimize dust dispersion into other work areas.

RESPIRATORY PROTECTION:

Where dust exposures may exceed the regulatory standards, respirators should be selected by and under the direction of a trained health and safety professional following the requirements found in OSHA's respiratory protection standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992).

EYE PROTECTION:

Wear ANSI-approved safety glasses or goggles in fabrication operations that may generate airborne dust.

SKIN PROTECTION:

To prevent drying of skin, wear gloves to protect from exposure to dust.

SECTION IX - SPILL, LEAK, AND DISPOSAL PROCEDURES

IN CASE MATERIAL IS SPILLED OR RELEASED:

Do not use compressed air to remove dust. Vacuum or wet mop area.

SECTION X - REGULATORY INFORMATION

DOT: Not regulated by Department of Transportation.

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