

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME:

Nuvacor™

PRODUCT SYNONYM:

Acrylic Solid
Decorative Sheet

MANUFACTURER'S NAME AND ADDRESS

Nuvacor Corporation
430 Communipaw Ave.
Jersey City, NJ

TECHNICAL CONTACT:

Charles Chaffey
201 413-1776

EMERGENCY TELEPHONE:

Chemtrec (800) 424-9300

SECTION II - HAZARDOUS COMPONENTS

COMPONENTWEIGHT

(C.A.S. Number)PERCENT (%)OSHA PELACGIH TLV

Methyl methacrylate85-90%None ListedNone Listed

Silica, amorphous< 2None ListedNone 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:

Colored panel with very slight plastic odor.

MOLECULAR WEIGHT:

Not applicable to mixture.

SPECIFIC GRAVITY:

Specific gravity greater than water.

SOLUBILITY IN WATER:

Insoluble in water.

pH:

Not applicable as product is solid.

SECTION IV - FIRE AND EXPLOSION DATA

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

Not applicable to solid products.

FIRE EXTINGUISHING MEDIA:

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

FLAMMABLE LIMITS: LOWER: NoneUPPER: None

SPECIAL FIRE FIGHTING PROCEDURES:

In a sustained fire, use positive 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:

Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, methyl methacrylate and butyl acrylate.

SECTION V - REACTIVITY DATA

STABILITY:

Stable under normal conditions.

CONDITIONS TO AVOID:

Incompatible with oxidizing agents.

INCOMPATIBILITY:

Incompatible with oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Acrid smoke and fumes may evolve under fire conditions.

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 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 the 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.

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

SECTION VII - TOXICITY DATA

ORAL: No data available.

DERMAL: No data available.

INHALATION: No data available.

EYE: No data available.

CARCINOGENICITY: 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, wash hands before eating, drinking or smoking. Do not eat, drink or smoke in areas where the product is being cut or fabricated. Avoid blowing dust with compressed air.

STORAGE AND HANDLING PRACTICES:

No special requirements for the product.

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:

Do not use compressed air to remove. 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 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 the Department of Transportation.

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