

Potential Health Effects/Symptoms

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| Inhalation: | Inhalation of vapors or mists of the product may be irritating to the respiratory system. May cause nose, throat and lung irritation. |
| Skin contact: | Corrosive to skin. Causes skin burns. May cause allergic skin reaction. |
| Eye contact: | Causes serious eye damage. |
| Ingestion: | May cause gastrointestinal tract irritation if swallowed. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|---|---|
| Polyurethane methacrylate resin | None | Irritant, Allergen |
| Polyglycol dimethacrylate | None | Allergen, Irritant |
| Silica, amorphous, fumed, crystal-free | None | Nuisance dust |
| Acrylic acid | Oral LD50 (RAT) = 33.5 mg/kg Oral LD50 (RAT) = 2.5 g/kg Oral LD50 (RAT) = 193 mg/kg Oral LD50 (RAT) = 1,250 mg/kg Inhalation LC50 (RAT, 4 h) = 1,200 mg/l | Allergen, Corrosive, Irritant, Kidney, Liver |
| Cumene hydroperoxide | None | Allergen, Central nervous system, Corrosive, Irritant, Mutagen |
| Saccharin | None | No Target Organs |
| Hydroxyalkyl methacrylate | Oral LD50 (RAT) = 11.2 g/kg Oral LD50 (RAT) = 5,050 mg/kg | Irritant, Allergen |
| Ethylene glycol | Oral LD50 (RAT) = 5.89 g/kg Dermal LD50 (RABBIT) = 9,530 mg/kg | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |
| Cumene | Oral LD50 (RAT) = 2.91 g/kg Oral LD50 (RAT) = 1,400 mg/kg Inhalation LC50 (RAT, 4 h) = 8000 ppm | Central nervous system, Irritant, Lung |
| 1-Acetyl-2-phenylhydrazine | None | Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Polyurethane methacrylate resin | No | No | No |
| Polyglycol dimethacrylate | No | No | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Acrylic acid | No | No | No |
| Cumene hydroperoxide | No | No | No |
| Saccharin | No | No | No |
| Hydroxyalkyl methacrylate | No | No | No |
| Ethylene glycol | No | No | No |
| Cumene | No | Group 2B | No |
| 1-Acetyl-2-phenylhydrazine | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.