

Material Safety Data Sheet

Name used on label: Kane Ace MP-20

Manufacturer's Address: KANEKA CORPORATION

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Chemical name: Glycidyl Methacrylate - Methacrylic ester- Acrylic ester copolymer

Chemical family/use: Viscosity improver for polyesters

INGREDIENTS

Identity	Cas No.	Wt. %	TLV
Glycidyl Methacrylate - Methacrylic ester- Acrylic ester copolymer	Trade Secret	> 98%	NE, see Respiratory Protection section

PHYSICAL DATA

Boiling point:	N/A	Freezing point:	N/A
Specific gravity:	1.1– 1.2	Vapor pressure:	N/A
Vapor density:	N/A	Solubility in water:	Insoluble
Volatiles:	< 1.5%(105°C×60min)	Evaporation rate:	N/A
Molecular weight:	N/A	pH:	N/A

Appearance and odor: White powder with slight acrylic ester odor

FIRE AND EXPLOSION DATA

Flash point: N/A **Autoignition temp:** No data available

Flammable limits: No data available

Extinguishing media: Water spray, avoid scattering burning material or creative dust hazard with water stream, or dry chemicals.

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Special fire fighting procedures: Avoid eye and skin contact. Do not breathe fumes. Do not inhale dust. Wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool.

Unusual fire and explosion hazards: Irritating fumes may develop when product is heated. Dust can form explosive mixtures in the air.

Dust generation should be minimized. Every ignition source such as; fire, open flame, static sparks, heated surfaces, etc., even in closed pipelines or equipment, should be strictly prohibited. Extended exposure to high temperatures reduces the autoignition temperature.

ENVIRONMENTAL INFORMATION

Spill response: No data is available on aquatic life if product is released to open waters. Carefully vacuum up material and place in a suitable container for disposal. Avoid creating a dusty atmosphere. Dampen spill with water to reduce dust.

Recommended disposal: Dispose of material as solid waste in a closed container. Federal, State and Local regulations should be observed when disposing.

HEALTH HAZARD DATA

Eye contact: May cause irritation.

Skin contact: May cause irritation and / or dermatitis.

Inhalation: Irritating to the respiratory tract. Treat as nuisance dust.

Odorous fumes may result from normal processing.

Acute toxicity: No data is available.

Chronic toxicity: No data is available.

Suggested first aid:

Eyes: In case of contact, immediately flush eyes with flowing water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention.

Skin: Flush with flowing water for 15 minutes, then wash area with mild soap and water. Call a physician.

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Inhalation: Move exposed individual to fresh air. Call a physician.

REACTIVITY DATA

Stability: Stable under recommended storage condition, see storage and handling section.

Conditions to avoid: Avoid contact with oxidizers. Avoid exposing dust to ignition sources.

Incompatibility (Materials to avoid) : Oxidizers

Hazardous polymerization: will not occur

Hazardous decomposition products: Carbon monoxide, carbon dioxide, and various oxidized and non-oxidized hydrocarbons.

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is recommended. Maintain low dust concentration. See unusual fire and explosion hazards section.

Respiratory protection: Use NIOSH approved high efficiency dust respirator when dusty conditions prevail. No TLV-TWA has been established for this dust. The AGCIH recommend that nuisance particulates be limited to 10 mg/m³, total dust. During molten or heating process, use an organic vapor respirator.

Eye and face protection: Chemical workers goggles. Do not wear contact lenses.

Other clothing and equipment : Rubber gloves. An eyewash and emergency shower should be readily available. Launder contaminated clothing before reuse.

SPECIAL PRECAUTIONS

Precautionary label information: Caution-May cause irritation.

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage and handling: Store in original container in cool, dry area.

When transferring, avoid creating dust. Ground all equipment to avoid static sparks.

Other precautions: Ventilate area properly to avoid unnecessary exposure to resulting gases which might be hazardous. Do not cause dust clouds or static sparks. Do not store near high temperature boilers, heaters, pipes, open flames or

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oxidizing agents. For industrial use only.

TRANSPORTATION**Department of transportation (DOT)****DOT proper shipping name:** Not required**DOT hazard class:** Not required**DOT Label:** Not required**DOT ID #:** Not required

NFPA RATING

Health: 1**Flammability:** 2**Reactivity:** 0

MISCELLANEOUS

The information set forth herein has been gathered from standard reference materials and / or Kaneka Corporation test data and to our best knowledge and belief accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and it is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones which exist. Kaneka Corporation makes no warranties, express or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process and, therefore, assumes no responsibility. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer.
