



SAFETY DATA SHEET

Issue Date 29-Apr-2025

Revision date 29-Apr-2025

Revision Number 1

1. IDENTIFICATION

Product identifier

Product Name

Kane Ace PA-Grades: PA-20, PA-35, PA-40, PA-70, PA-75, PA-90, PA-92; PA-94, EXP-4261

Other means of identification

Product Code(s)

RM00213

Synonyms

Acrylic Polymer

Recommended use of the chemical and restrictions on use

Recommended Use

For industrial use only.

Uses advised against

Typical benzene like odor

Details of the supplier of the safety data sheet

Manufacturer Address

Kaneka North America LLC

6161 Underwood Road

Pasadena, TX 77507

Telephone: 281-447-0755

SDS Assistance : Product.Stewardship@kaneka.com

Emergency telephone number

Company Phone Number 281-474-1814

24 Hour Emergency Phone Number 1-800-424-9300 or 703-527-3887 [Chemtrec]

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Powder

Physical state Solid

Odor Slight acrylic ester

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Synonyms

Chemical Family

Acrylic Polymer.

Processing Aid.

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Contaminated work clothing should not be allowed out of the workplace.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion

Do NOT induce vomiting. If swallowed, call a poison control center or physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms

May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fire

Dry chemical or CO2.

Large Fire

Water spray or fog. Move containers from fire area if you can do it without risk.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire. Remove all sources of ignition. Keep away from heat.

Specific hazards arising from the chemical

Dusts or fumes may form explosive mixtures in air. Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Formaldehyde. Ethylene. Aldehydes. Acrylic acid.

Explosion data

Sensitivity to Mechanical Impact Not impact sensitive.

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition

source is a potential dust explosion hazard.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective gloves/protective clothing and eye/face protection.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment Cover powder spill with plastic sheet or tarp to minimize spreading. Prevent dust cloud.

Methods for cleaning up Avoid creating dust. Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal. Sweep-up or vacuum spilled solid (an explosion-proof vacuum should be used).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Protect from direct sunlight. Keep from freezing. Shelf life 36 months.

Incompatible materials Strong oxidizing agents. Amines. Alkali. caustic.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers. Mechanical ventilation should be grounded due to potential accumulation of dusts.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing. (Tyvek suit, rubber apron).

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Odor Odor threshold	Slight acrylic ester No data available
Appearance	Powder		
Color	White		
Property	Values	Remarks • Method	
pH	No information available		
Melting point / freezing point	No information available		
Initial boiling point and boiling range	No information available		
Flash point	No information available		
Evaporation rate	Typical benzene like odor		
Flammability	Typical benzene like odor		
Flammability Limit in Air			
Upper flammability or explosive limits	No information available		
Lower flammability or explosive limits	No information available		
Vapor pressure	Typical benzene like odor		
Relative vapor density	No information available		
Relative density	1.0-1.3		
Water solubility	Insoluble in water		
Solubility in other solvents	Typical benzene like odor		
Partition coefficient	Typical benzene like odor		
Autoignition temperature	380 °C / 716 °F		
Hyphen	Typical benzene like odor		
Kinematic viscosity	Typical benzene like odor		
Dynamic viscosity	Typical benzene like odor		
Explosive properties	May form explosive mixtures with air		
Oxidizing properties	Typical benzene like odor		

Other information

Softening point	Typical benzene like odor
Molecular weight	Typical benzene like odor
VOC content	No data available .?
Liquid Density	Typical benzene like odor
Bulk density	Typical benzene like odor

10. STABILITY AND REACTIVITY

Reactivity

Stable under conditions of normal temperature and pressure.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Incompatible materials. Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizing agents. Amines. Alkali. caustic.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Styrene. Methyl methacrylates. other acrylates.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Irritating to eyes, skin and respiratory tract
Inhalation	May cause irritation of respiratory tract.
Eye contact	May cause irritation.
Skin contact	May cause skin irritation and/or dermatitis. May cause sensitization by skin contact.
Ingestion	May cause irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause an allergic skin reaction.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	Irritating to eyes and skin.
Sensitization	Repeated or prolonged contact may cause allergic reactions in very susceptible persons. May cause sensitization in susceptible persons.
Germ cell mutagenicity	None known.
Carcinogenicity	Typical benzene like odor.
Reproductive toxicity	Typical benzene like odor.
Developmental Toxicity	Typical benzene like odor.
STOT - single exposure	None under normal use conditions.
STOT - repeated exposure	None under normal use conditions.
Aspiration hazard	Not applicable.

Numerical measures of toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability

Not readily biodegradable.

Bioaccumulation

Material does not bioaccumulate.

Mobility in soil

Other adverse effects	No information available
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13. DISPOSAL CONSIDERATIONS

Disposal methods

Disposal of wastes

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging

Do not reuse container.

US EPA Waste Number

Not applicable

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AIIC	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 2	Flammability 1	Instability 0	Special hazards -
HMIS	Health hazards 2	Flammability 1	Physical hazards 0	Personal protection X

Prepared By Product Stewardship Associate

Issue Date 29-Apr-2025

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Revision Note

Not applicable

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet