MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PARALOID# K-120N Processing Aid

Revision date: 11/01/2001

Supplier

Rohm and Haas Company
100 Independence Mall West
Philadelphia, PA 19106-2399 USA

For non-emergency information contact: 215-592-3000

Emergency telephone number

SPILL EMERGENCY	215-592-3000
HEALTH EMERGENCY	215-592-3000
CHEMTREC	800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %
P(EA/MMA)	9010-88-2	98.00 - 99.00
Sodium lauryl sulfate	151-21-3	1.00 - 2.00
Individual residual monomers	Not Required	< 0.10

3. HAZARDS IDENTIFICATION

Emergency Overview

Form	Free-flowing powder
Color	White

Hazard Summary	DUST PARTICLES AND MONOMER VAPORS FROM HEATED PRODUCT MAY CAUSE HEADACHE, NAUSEA, DIZZINESS AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE AND SKIN IRRITATION. AIRBORNE DUST MAY FORM EXPLOSIVE MIXTURES.

Potential Health Effects

Primary Routes of Entry	Inhalation Eye contact Skin contact

Eyes: Like any foreign body, particles can cause mechanical irritation.
Monomer vapors from heated product can cause the following:
slight irritation

Skin: Prolonged or repeated skin contact can cause the following:
slight irritation

Inhalation: Repeated or prolonged inhalation of dust can cause the following:

- nausea
- headache
- dizziness

May cause nose, throat, and lung irritation.
Inhalation of monomer vapor from heated product can cause the following:
irritation of nose, throat, and lungs

Chronic Exposure: Prolonged or repeated exposure to dust can cause the following:
lung irritation

Environmental Effects	There is no data available for this product.

4. FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin contact: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If eye irritation persists, consult a specialist.
Ingestion: Drink 1 or 2 glasses of water.Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Ignition temperature	400.00 °C (752.00 °F)
Upper explosion limit	Note: not applicable
Suitable extinguishing media	carbon dioxide (CO2) dry chemical water spray
Specific hazards during fire fighting	Material as sold is combustible; burns vigorously with intense heat. Dusts at sufficient concentrations can form explosive mixtures with air. DO NOT use a solid stream of water. A solid stream of water directed at this material may create a potentially explosive airborne dust mixture.
Special protective equipment for fire-fighters	In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing dust. Material can create slippery conditions. Remove all sources of ignition.

Methods for cleaning up	Sweep up and shovel into suitable containers for disposal. Use water spray to keep dusting to a minimum.

7. HANDLING AND STORAGE

Handling

Handling	Possibility of explosion exists under dusty conditions. Avoid dusting when handling and avoid all possible sources of ignition. Use only in area provided with appropriate exhaust ventilation. Provide for appropriate exhaust ventilation and dust collection at machinery.

Storage

Requirements for storage areas and containers	Store at room temperature in the original container. Keep away from heat and sources of ignition. Material can burn; limit indoor storage to approved areas equipped with automatic sprinklers. Avoid all ignition sources. This material is not hazardous under normal storage conditions. However, all materials of this type release some monomer vapors or gases when stored for prolonged periods at elevated temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	Regulation	Type of listing	Value
Methyl methacrylate	ACGIH	TWA	205 mg/m3 50 ppm
		STEL	410 mg/m3 100 ppm
	OSHA Z1	PEL	410 mg/m3 100 ppm
	OSHA Z1A	TWA	410 mg/m3 100 ppm

Eye protection: Safety glasses

Hand protection: Cotton or canvas gloves.

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures: Use explosion-proof local exhaust ventilation with a minimum capture velocity of 150 ft/min (0.75 m/sec) at the point of dust or mist evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Free-flowing
Form	:	Free-flowing powder
Color	:	White
Vapor pressure	:	Note: not applicable
Relative vapor density	:	Note: not applicable
Melting point/range	:	132.00 - 149.00 °C (269.60 - 300.20 °F)
Water solubility	:	Note: insoluble
Viscosity, dynamic	:	Note: not applicable
Evaporation rate	:	Note: not applicable

10. STABILITY AND REACTIVITY

Materials to avoid	:	acids bases oxidizing agents
Hazardous decomposition products	:	No decomposition if used as directed.
polymerization	:	Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 rat Dose: > 5,000 mg/kg
Acute dermal toxicity	LD50 rabbit Dose: > 5,000 mg/kg
Acute inhalation toxicity	LC50 rat
Skin irritation	rabbit Result: slight irritation
Eye irritation	rabbit Result: slight irritation
Further information	Information given is based on data obtained from similar substances.

12. ECOLOGICAL INFORMATION

No data available for this product.

13. DISPOSAL CONSIDERATIONS

Place powder in air-tight bags. For disposal incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT

Not regulated for transport by this agency.

IMDG

Not regulated for transport by this agency.

15. REGULATORY INFORMATION

Workplace Classification
This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

SARA TITLE 3: Section 311/312 Categorizations (40CFR 370)
Chronic Health Hazard

SARA TITLE 3: Section 313 Information (40CFR 372)
This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CERCLA Information (40CFR 302.4)
Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

US. Toxic Substances Control Act (TSCA)
All intentional components are listed on the inventory, are exempt, or are supplier certified.

Pennsylvania
The following chemicals are listed because of the additional requirements of Pennsylvania law:

SARA Title 3 Components:	Ethyl acrylate	140-88-5

California (Proposition 65)
This product contains trace levels of a component or components known to the state of California to cause cancer:

Ethyl acrylate	140-88-5

16. OTHER INFORMATION

LEGEND

ACGIH	American Conference of Governmental Industrial Hygienists
BAc	Butyl acetate
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit (STEL):
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA):
|	Bar denotes a revision from prior MSDS.

The information provided in this 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.