

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

PD ATTACHMENT

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

National Keystone Products Compny

Address (Number, Street, City, State, and ZIP Code)

616 Hollywood Avenue

Cherry Hill, NJ 08002

Emergency Telephone Number

(800) 535-5053

Telephone Number for Information

856-663-4700

Date Prepared

July 2004

Reviewed July 2006

Signature of Preparer (optional)

M.P.

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

% (optional)

Hazard Rating: Toxicity 0

Fire 1

Reactivity 0

P(EA/MMA) CAS REG #9010-88-2

99.5

Methyl methacrylate 80-62-6

100 ppm

100 ppm

<0.5

Section III — Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O = 1)

1.15-1.19

Vapor Pressure (mm Hg.)

N/A

Melting Point

132°C/270°F Minimum Pour Point

Vapor Density (AIR = 1)

N/A

Evaporation Rate

(Butyl Acetate = 1)

N/A

Solubility in Water

N/A

Appearance and Odor

Clear to opaque, Mild odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)

N/A

Flammable Limits

LEL N/A

UEL N/A

Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures

Floor may be slippery; use care to avoid falling. Transfer spilled material to suitable containers for recovery or disposal.

Unusual Fire and Explosion Hazards

Material as sold is combustible; burns vigorously with intense heat.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid) slow decomposition. Avoid contact with acids, alkalies & strong oxidizing agents.			
Hazardous Decomposition or Byproducts Thermal decomposition may yield acrylic monomers.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?		Ingestion?	Eyes?	Yes
Health Hazards (Acute and Chronic)							
INHALATION - Inhalation of monomer vapor from heated product can cause the following: irritation of nose, throat & lungs - dizziness - headache - nausea							
EYES - Monomer vapors from heated product can cause the following: irritation.							
Carcinogenicity:	NTP?		IARC Monographs?		OSHA Regulated?		

Signs and Symptoms of Exposure

Medical Conditions
Generally Aggravated by Exposure

Emergency and First Aid Procedures

INHALATION - Move subject to fresh air.

EYE CONTACT - Flush eyes with a large amount of water for at least 15 minutes.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Floor may be slippery; use care to avoid falling. Transfer spilled material to suitable containers for recovery or disposal.

Waste Disposal Method

For disposal incinerate this material at a facility that complies with local, state & federal regulations.

Precautions to Be Taken in Handling and Storing

This material can release monomer vapors or gases when heated to high temperatures during processing, cutting or machining. This material is not hazardous under normal storage

Other Precautions

conditions. However, all materials of this type release some monomer vapors or gases when stored for prolonged periods at elevated temperatures. Avoid temperature extremes during storage; ambient temperature preferred.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required under normal operating conditions.

Ventilation

Local Exhaust

Recommended

Mechanical (General)

Special

Other

Protective Gloves

Cotton or canvas gloves

Other Protective Clothing or Equipment

Eye Protection

Use safety glasses (ANSI Z87.1 or approved equivalent).

Work/Hygienic Practices