

SAFETY DATA SHEETS

This SDS packet was issued with item:

073637428

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

073637303

Holmes Dental Company

NFPA

Qyk-Set Acrylic for Temporaries - Liquid

3
2 2
N/A



SECTION 1 : Chemical Product and Company Identification

MSDS Name: Qyk-Set Acrylic for Temporaries - Liquid

Manufacturer Name: Holmes Dental Company

Address:

50 S. Penn Street
Hatboro, PA 19040

Business Phone: 215-675-2877

Business Fax: 215-675-7147

For information in North America, call: 215-675-2877

NFPA

Health: 2

Flammability: 3

Reactivity: 2

Other: N/A



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SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name	CAS#		
Methyl Methacrylate	80-82-8		

OSHA PEL TWA: 100 ppm

ACGIH TLV TWA: 100 ppm



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SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Liquid

Color:

Colorless

Odor:

Characteristic resin odor

Vapor Pressure:

Not Established

Vapor Density:

Not Established

Boiling Point:

100 deg C/212 deg F

Melting Point:

.48 deg C/.64 deg F

Solubility:

In Water: Slightly soluble.

Specific Gravity:

(H₂O=1): 1.01

Evaporation Point:

(Butyl Acetate=1): Not Established

FlashPoint:

Not Established

Upper Flammable Explosive Limit:

Not Applicable

Lower Flammable Explosive Limit:

Not Applicable



SECTION 4 : Fire And Explosion Hazards

Flash Point:

Not Established

Flash Point Method:

Not Established

Upper Flammable or Explosive Limit: Not Applicable

Lower Flammable or Explosive Limit: Not Applicable

Extinguishing Media:

Carbon dioxide, dry chemical or appropriate foam.

Fire Fighting Instructions:

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

NFPA

Health: 2

Flammability: 3

Reactivity: 2

Other: N/A

Unusual Fire Hazards:

4.5 Unusual fire and explosion Vapor may travel considerable distance to source of ignition and flash back. May polymerize on heating. Sealed containers may explode under fire condition.

**SECTION 5 : Health Hazards****Methyl Methacrylate:****Route of Exposure:**

Inhalation?: Yes

Skin?: Yes

Ingestion?: Yes

Potential Health Effects:**Eye Contact:**

Acute: Contact and high vapor concentration may cause irritation and redness.

Skin Contact:

Acute: Prolonged or repeated exposure may cause skin irritation, sensitization and/or [dermatitis](#).

Inhalation:

Acute: Excessive inhalation can cause respiratory irritation, dizziness, nausea.

Chronic Health Effects:

Chronic overexposure may cause adverse effects to the heart, lungs, liver, and kidneys.

Chronic Eye Contact:

Contact and high vapor concentration may cause irritation and redness.

Chronic Skin Contact:

Prolonged or repeated exposure may cause skin irritation, sensitization and/or dermatitis.

Chronic Inhalation:

Excessive inhalation can cause respiratory irritation, dizziness, nausea.

Carcinogenicity:**OSHA Designation:** Not Applicable**NTP Designation:** Not Applicable

IARC Designation: Not Applicable

Signs/Symptoms:

See health hazards.

Aggravation of Pre-Existing Conditions:

May cause sensitization by inhalation and skin contact.



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SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

Flush with plenty of water for at least 15 minutes. Call a physician.

Skin Contact:

Wash exposed areas thoroughly with soap and water. Remove contaminated clothing.

Inhalation:

Move to fresh air. If breathing is labored, administer oxygen.

Ingestion:

Do not induce vomiting. Give large quantities of water or milk. Call physician.



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SECTION 7 : Reactivity Data

Chemical Stability:

Stable

Conditions to Avoid:

(Stability): High temperatures and direct strong sunlight.

Incompatibilities with Other Materials:

Oxidizing agents, peroxides, acids, amines and heat may polymerize.

Hazardous Polymerization:

Will not occur

Hazardous Decomposition Products:

None known



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SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Remove ignition sources. Add dry absorbent material to absorb spill. (If large spill, dike to contain). Using recommended protective and explosion proof equipment, pick up and containerize for recovery or disposal. Flush area with water. Collect for disposal.

Other Precautions:

Do not get in eyes, skin or clothing. Wash thoroughly after handling.

Handling:

Do not store or handle product in presence of heat, sparks or open flame. Keep container tightly closed when not in use.

Hygiene Practices:

Wash hands thoroughly after handling. Avoid breathing vapors.

Waste Disposal:

Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

DOT Shipping Name:

Methyl Methacrylate Monomer, Inhibited
Dot Hazardous Materials: Flammable Liquid

DOT UN Number:

UN1247

DOT Hazard Class: 3**DOT Packing Group: II**A small green upward-pointing arrow icon.**TOP****SECTION 9 : Control Measures****Ventilation System:**

Recommended

Hand Protection Description:

Protective Gloves: Recommended

Eye/Face Protection:

Safety glasses with sideshield.

Protective Clothing/Body Protection:

Not Applicable

Respiratory Protection:

Respirator with organic vapor cartridge.

Work/Hygienic practices: Wash hands thoroughly after handling. Avoid breathing vapors.

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Fire Hazard: 3

Health: 2

Reactivity: 2

Specific Hazard: N/A

Abbreviations:

NFPA - National Fire Protection Association

N/A - Not Applicable

N/E - Not Established

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