

## **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

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071483833 071483841 071483858 071483866 071483874 071483882 071483890 071483908 071483916 071483932  
071483940 071483957 071483965 071483973 071483981 071483999 071484005 071484013 073637212 073637220  
073637238

## 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:**

(H<sub>2</sub>O=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, used for navigating to the top of the page.**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.

A small green upward-pointing arrow icon, used for navigating to the top of the page.**TOP****SECTION 10 : Other Information****NFPA:**

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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# SAFETY DATA SHEETS / GHS

1/6/2016

## SECTION 1: PRODUCT IDENTIFICATION: QYK-SET FOR TEMPORARIES-LIQUID

**CHEMICAL NAME: METHYL METHACRYLATE BLEND**

HOLMES DENTAL COMPANY  
50 S PENN STREET  
HATBORO PA 19040  
800-322-5577



## SECTION 2: HAZARD(S) IDENTIFICATION



WARNING FOR MONOMER:

OSHA CLASSIFIES THIS MATERIAL AS PARTICULATES, NOT OTHERWISE CLASSIFIED

PHYSICAL HAZARDS UNSTABLE/REACTIVE UPON DEPLETION OF INHIBITOR. CHECK INHIBITOR LEVELS PERIODICALLY

EYES: LIQUID AND VAPORS CAN CAUSE MODERATE IRRITATION

INGESTION : CAUSES IRRITATION AND A BURNING SENSATION OF THE MOUTH, THROAT AND GASTROINTESTINAL TRACT AND ABDOMINAL PAIN

SKIN: MAY CAUSE SKIN IRRITATION AND CAN CAUSE SKIN SENSITIZATION .

INHALATION : HIGH CONCENTRATE IS IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DIZZINESS, HEADACHE AND ANESTHETIC EFFECTS

**CHRONIC HAZARDS** *PROLONGED AND/OR REPEATED EXPOSURE MAY LEAD TO KIDNEY,LUNG,LIVER, AND HEART DAMAGE, UNLIKELY PRESENT A CANCER HAZARD TO MAN*

**NOTE TO PHYSICIANS:**

THIS PRODUCT CONTAINS N,N-DIMETHYL-P-TOLUIDE AT A LOW CONCENTRATION (REFER TO SEC 2) WHILE COMPLICATIONS FOR THIS COMPONENT ARE NOT EXPECTED, ABSORPTION LEADS TO FORMATION OF METHEMOGLOBIN, WHICH IS SUFFICIENT CONCENTRATION CAUSES CYANOSIS. SYMPTOMS MAY INCLUDE HEADACHES, WEAKNESS AND DIZZINESS, AND CAN BE RECOGNIZED BY THE BLUE COLOR OF THE LIPS, FINGERNAILS, NOSE AND EARLOBES. REVERSION OF METHEMOGLOBIN TO HEMOGLOBIN OCCURS SPONTANEOUSLY AFTER TERMINATION OF EXPOSURE, MODERATE DEGREE OF CYANOSIS NEEDS TO BE TREATED ONLY BY SUPPORTIVE MEASURES SUCH AS BED REST AND OXYGEN INHALATION. THOROUGH CLEANSING OF THE ENTIRE CONTAMINATED AREA OF THE BODY IS OF THE UTMOST IMPORTANCE. IF CYANOSIS IS SEVERE, INTRAVENOUS INJECTION OF METHYLENE BLUE, 1-2 MG/KG BODY WEIGHT OVER A 5 MIN PERIOD AS A 1% SOLUTIONS MAY BE OF VALUE. IF ELEVATED METHEMOGLOBIN PERSISTS AFTER AN HOUR, THE TREATMENT MAY BE REPEATED BUT THE TOTAL DOSE SHOULD NOT EXCEED 7MG/KG BODY WEIGHT. CYANOCOBALAMIN (VITAMIN B12), 1MG INTRAMUSCULARLY IS REPORTED TO SPEED RECOVERY. INTRAVENOUS FLUIDS AND BLOOD TRANSFUSIONS MAY BE INDICATED IN VERY SEVERE EXPOSURES

CARCINOGENICITY: DIMETHACRYLATE MAY CONTAIN TRACE QUANTITIES OF SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY. NONE OF THE COMPONENTS OF THIS MATERIAL ARE LISTED BY THE IARC, MTP, OSHA, OR ACGIH AS CARCINOGENS

PRIMARY ROUTES OF ENTRY: INHALATION, SKIN OR EYES.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**



CHEMICAL NAME	CAS NUMBER	WT/WT%
METHYL METHACRYLATE MONOMER	80-62-6	50.0-100.0
ALKYL DIMETHACRYLATE	109-17-0	0.00-20.0
N,N-DIMETHYL-P-TOLUIDINE	99-97-8	0.0-5.0

TLV-TWA	TLV-STEL	PEL TWA	PEL CEILING	RECOMMENDATION	SKIN
100 PPM	NE	100PPM	NE	100PPM	NE
NE	NE	NE	NE	100PPM	NE
NE	NE	NE	NE	NE	NE

#### SECTION 4: FIRST AID MEASURES



##### EMERGENCY AND FIRST AID PROCEDURES

<b>EYES</b>	IF PRODUCT GETS INTO THE EYES FLUSH WITH COPIOUS AMOUNTS OF LUKEWARM WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, CONTACT A PHYSICIAN.
<b>INGESTION</b>	IF INGESTED, DO NOT INDUCE VOMITTING. IF PRODUCT HAS BEEN SWALLOWED, DRINK PLENTY OF WATER OR MILK IMMEDIATELY. IF THE PATIENT IS VOMITTING, CONTINUE TO OFFER WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. PROVIDE ESTIMATE OF THE TIME AT WHICH THE MATERIAL WAS INGESTED AND THE AMOUNT OF THE SUBSTANCE THAT WAS SWALLOWED. SEEK IMMEDIATE MEDICAL ATTENTION
<b>INHALATION</b>	REMOVE TO FRESH AIR AND SEEK IMMEDIATE MEDICAL ATTENTION
<b>SKIN</b>	IF IRRITATION OCCURS AND PRODUCT IS ON THE SKIN, RINSE THOROUGHLY WITH LUKEWARM WATER, FOLLOWED BY A THOROUGH WASHING OF THE EFFECTED AREA WITH SOAP AND WATER. IF IRRITATION, REDNESS OR SWELLING PERSISTS, CONTACT PHYSICIAN IMMEDIATELY
<b>CLOTHING</b>	REMOVE CONTAMINATED CLOTHING, WASH THOROUGHLY BEFORE REUSE
<b>TREATMENT</b>	TREAT SYMPTOMS CONVENTIONALLY, AFTER THOROUGH DECONTAMINATION

#### SECTION 5: FIRE FIGHTING MEASURES



<b>FLASH POINT</b>	11.5°C, 52.7°F
<b>FLAMMABLE LIMIT AIR VOL%</b>	UPPER 2.12 LOWER 12.5
<b>AUTOIGNITION TEMPERATURE</b>	421°C, 790°F
<b>EXTINGUISHER METHOD</b>	CHEMICAL FORM, CARBON DIOXIDE, DRY CHEMICAL
<b>FIRE AND EXPLOSION HAZARDS</b>	HIGH TEMPERATURES, INHIBITOR DEPLETION, ACCIDENTAL IMPURITIES OR EXPOSURE TO RADIATION OF OXIDIZERS MAY CAUSE SPONTANEOUS POLYMERIZING REACTION GENERATING HEAT/PRESSURE. CLOSED CONTAINERS MAY RUPTURE OR EXPLODE DURING A RUNAWAY POLYMERIZATION. USE A WATER SPRAY OR FOG TO REDUCE OR DIRECT VAPORS. WATER MAY NOT BE EFFECTIVE IN ACTUALLY EXTINGUISHING A FIRE INVOLVING THIS PRODUCT
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	THIS PRODUCT IS A FLAMMABLE LIQUID. WHEN INVOLVED IN A FIRE, THIS PRODUCT MAY IGNITE READILY AND DECOMPOSE TO PRODUCE CARBON OXIDES. VAPORS OF THIS PRODUCT ARE HEAVIER THAN AIR AND MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK TO A LEAKING OR OPEN CONTAINER. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION. FIGHT FIRE FROM A SAFE LOCATION, HEAT/IMPURITIES MAY CAUSE PRESSURE TO BUILD AND/OR RUPTURE CLOSED CONTAINERS. SPREADING FIRE INCREASING RISK OF BURNS/INJURIES. STRUCTURAL FIREFIGHTERS MUST WEAR SCBAS AND FULL PROTECTIVE EQUIPMENT
<b>EXPLOSION HAZARD</b>	FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS
<b>SENSITIVE TO MECHANICAL IMPACT</b>	NO
<b>SENSITIVE TO STATIC DISCHARGE</b>	YES

## SECTION 6: ACCIDENTAL RELEASE MEASURES



BEFORE CLEANING UP ANY SPILL OR LEAK, INDIVIDUALS INVOLVED MUST WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (E.G. GOGGLES, GLOVES). SWEEP UP TO AVOID SLIPPING HAZARDS. KEEP AIRBOURNE PARTICLES AT A MINIMUM WHEN CLEANING UP SPILLS. DISPOSE OF PROPERLY IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. WASH ALL AFFECTED AREAS WITH PLENTY OF WARM WATER AND SOAP. REMOVE ANY CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE

## SECTION 7: HANDLING AND STORAGE



<b>PRECAUTIONS FOR HANDLING</b>	USE LOCAL EXPLOSION-PROOF VENTILATION WITH A MINIMUM CAPTURE VELOCITY OF 100FT/MIN(30M/MIN) AT POINT OF MATERIAL RELEASE. REFER TO INDUSTRIAL VENTILATION. A MANUAL OF RECOMMENDED PRACTICE PUBLISHED BY THE ACGHO PRECAUTIONS FOUND ON LABEL.
<b>PRECAUTIONS FOR STORAGE</b>	STORE CONTAINERS IN A COOL, DRY LOCATION, AWAY FROM DIRECT SUNLIGHT AND/OR OTHER LIGHT SOURCES OR SOURCES OF INTENSE HEAT, SPARKS AND/OR FLAME. KEEP CONTAINER CLOSED TO PREVENT WATER ABSORPTION AND CONTAMINATION. GROUND AND BOND ALL CONTAINERS WHEN TRANSFERRING. CHECK INHIBITOR LEVELS PERIODICALLY, ADD TO THE BULK MATERIAL IF NEEDED. MAINTAIN AT A MINIMUM THE ORIGINAL 2IN HEADSPACE IN THE PRODUCT CONTAINER DO NOT BLANKET OR MIX WITH OXYGEN-FREE GAS AS IT RENDERS THE INHIBITOR INEFFECTIVE
<b>INDUSTRIAL HYGIENE PRACTICES</b>	AVOID CONTACT WITH SKIN EYES CLOTHING AND PROLONGED CONTACT WITH THE PRODUCT. USE GOOD PERSONAL HYGIENE AND HOUSEKEEPING, AFTER USE WASH HANDS AND EXPOSED SKIN WITH SOAP AND WATER DO NOT EAT DRINK OR SMOKE WHILE HANDLING PRODUCT

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



VENTILATION	REFER TO SECTION 7 REGARDING VENTILATION REQUIREMENTS FOR WORKING WITH THIS PRODUCT USE EXPLOSION- PROOF LOCAL EXHAUST AT PROCESSING EQUIPMENT INCLUDING BUFFERS SANDERS GRINDERS AND POLISHERS. HIGH TEMPS PROCESSING EQUIPMENT SHOULD BE WELL VENTILATED
RESPIRATORY PROTECTION	A RESPIRATOR SHOULD BE WORN WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATORS USE. NONE REQUIRED IF AIRBOURNE CONCENTRATIONS ARE MAINTAINED BELOW THE EXPOSURE LIMIT LISTED IN SECTION 2. IF NECESSARYUSE ONLY RESPIRATORY PROTECTION AUTHORIZED PER US OSHA REQUIREMENTS IN 29CFR1910.134 OR OTHER APPROPRIATE GOVERNING STANDARD
EYE PROTECTION	DEPENDING ON THE USE OF THIS PRODUCT SPLASH OR SAFTEY GLASSES MAY BE WORN
PROTECTIVE GLOVES	IF ANTICIPATED THAT PROLONGED AND REPEATED SKIN CONTACT WILL OCCUR DURING USE OF THIS PRODUCT WEAR CHEMICAL RESISTANT GLOVES FOR ROUTINE INDIVIDUAL USE
OTHER PROTECTIVE EQUIPMENT	NO SPECIAL BODY PROTECTION IS REQUIRED UNDER TYPICAL CIRCUMSTANCES OF USE AND HANDLING

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE	CLEAR LIQUID
ODOR	ACRID ODOR
PH	ND
ODOR THRESHOLD	ND
BOILING POINT	101°C,214°F
FREEZING POINT	-48°C
VISCOSITY	LIKE WATER
SPECIFIC GRAVITY	
VAPOR PRESSURE	28MM HG 20°C,68°F
PERCENT VOLATILE	99+
VAPOR DENSITY	<u>3.5 @15.5 °C, 60°F</u>
EVAPORATION RATE	3.1
SOLUBILITY IN WATER	MODERATE 1.6 WT% @20°C,68°F
COEFFICIENT OF WATER/OIL DISTRIBUTION	ND

## SECTION 10: STABILITY AND REACTIVITY



CONDITIONS TO AVOID	HEATING ABOVE 21° C, 70° F	
INCOMPATIBILITY (MATERIALS TO AVOID)	STRONG OXIDIZING AGENTS	
HAZARDOUS DECOMPOSITION PRODUCTS	OXIDES OF CARBON WHEN BURNED	
HAZARDOUS POLYMERIZATION	MAY OCCUR    ×	MAY NOT OCCUR
STABILITY	UNSTABLE    ×	STABLE

## SECTION 11: TOXICOLOGICAL INFORMATION



TOXICITY DATA	THIS PRODUCT HAS NOT BEEN TESTED ON ANIMALS TO OBTAIN TOXICOLOGY DATA. THERE IS TOXICOLOGY DATA FOR THE COMPONENTS OF THE PRODUCT, WHICH IS FOUND IN SCIENTIFIC LITERATURE. THIS DATA HAS NOT BEEN PRESENTED IN THIS DOCUMENT	
METHYL METHACRYLATE ACUTE ORAL RAT ACUTE DERMAL RABBIT INHALATION HUMAN INHALATION HUMAN INHALATION RAT	LD 50    >7900MG/KG LD 50    >35500 MG/KG TCLO    125 PPM TCLO    60MG/M LC50    7094 PPM/4H	
FOR N,N-DIMETHYL-p-TOLUIDINE INHALATION RAT ACUTE DERMAL RAT INGESTION RAT	LD50    254PPM/ 4H LD50    >2000 MG/KG. LD50    1650 MG/KG	

## SECTION 12: ECOLOGICAL INFORMATION



<b>AQUATIC TOXICITY</b>	THERE IS NO SPECIFIC DATA AVAILABLE FOR THIS PRODUCT, HOWEVER VERY LARGE RELEASES OF THIS PRODUCT MAY BE HARMFUL OR FATAL TO OVER-EXPOSED AQUATIC LIFE. THERE IS ECOLOGICAL DATA FOR THE COMPONENTS OF THE PRODUCT, WHICH IS FOUND IN SCIENTIFIC LITERATURE. SOME OF THIS DATA IS PRESENTED BELOW
<b>AQUATIC TOXICITY</b>	FLATHEAD MINNOWS LC50 130MG/L, 96H DAPHNIA MAGNA EC50 69MG/L, 48H ALGAE LC50 170MG/L, 96H
<b>ENVIRONMENTAL FATE</b>	28DAY BIODEGRATION STUDY NOT REALLY BIODEGRADABLE COD 88% WITHIN 28 DAYS INHERENT BIODEGRATION DOC REMOVAL >95% WITHIN 28DAYS ABSORPTION HIGH MOBILITY IN SOIL

## SECTION 13: DISPOSAL CONSIDERATIONS



<b>WASTE DISPOSAL METHOD</b>	WHEN DISCARDED IT IS A HAZARDOUS WASTE BY THE EPA UNDER RCRA THE REPORTABLE QUANTITY FOR METHYL METHACRYLATE IS 1000 POUNDS (40CFR PART 302) AFTER ADDITION OF EXCESS INHIBITOR DISPOSE WASTE MATERIAL IN ACCORDANCE WITH FEDERAL STATE AND LOCAL REGULATORIES
<b>DISPOSAL OF EMPTY CONTAINERS</b>	REUSE OF EMPTY DRUMS OR CONTAINERS IS NOT RECOMMENDED. EMPLOYEES SHOULD BE ADVISED OF THE POTENTIAL HAZARDS DUE TO RESIDUAL MATERIAL ASSOCIATED WITH EMPTY CONTAINERS PROPERLY IN ACCORDANCE WITH FEDERAL STATE AND LOCAL REGULATIONS

## SECTION 14: TRANSPORTATION



DOT/UN SHIPPING NAME	METHYL METHYLMETHACRYLATE MONOMER
DOT/UN CLASS	3
NA/UN NUMBER	UN 1993
PACKING GROUP	II
LABEL	FLAMMABLE LIQUID
IMDG CLASS	3
DOT RQ	FOR METHYL METHACRYLATE 1000 LBS
CERCLA RQ	

## SECTION 15: REGULATORY INFORMATION



SARA REPORTING REQUIREMENTS	NA
SARA THRESHOLD PLANNING QUANTITY	THERE ARE NO SPECIFIC THRESHOLD PLANNING QUANTITIES FOR THE COMPONENTS OF THIS PRODUCT
TSCA INVENTORY STATUS	THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY FOR USE IN FDA REGULATED PRODUCTS ONLY
CERCLA REPORTABLE QUANTITY (RQ)	NA
OTHER FEDERAL REQUIREMENTS	THIS PRODUCT COMPLIES WITH THE APPROPRIATE SECTIONS OF THE FDAS 21 CFR SUBCHAPTER G (COSMETICS)
OTHER CANADIAN REQUIREMENTS	THIS PRODUCT HAS BEEN CLASSIFIED ACCORDING TO THE HAZARD CRITERIA OF THE CPR AND THE GHS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE DSL/NDL. NONE OF THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE PRIORITIES SUBSTANCES LIST
STATE REGULATORY INFORMATION	THIS PRODUCT MAY CONTAIN COMPONENTS THAT ARE COVERED UNDER SPECIFIC STATE CRITERIA

<b>RISK STATEMENTS</b>	<b>R11 R36/37/38 R43</b>	<b>HIGHLY FLAMMABLE IRRITATING TO EYES RESPIRATORY SYSTEM AND SKIN MAY CAUSE SENSITATION BY SKIN CONTACT</b>
<b>SAFETY STATEMENTS</b>	<b>S3</b>	<b>KEEP IN COOL PLACE</b>
	<b>S7</b>	<b>KEEP CONTAINER TIGHTLY CLOSED</b>
	<b>S9</b>	<b>KEEP CONTAINER IN WELL VENTILATED PLACE</b>
	<b>S20</b>	<b>WHEN USING DO NOT EAT OR DRINK</b>
	<b>S29</b>	<b>DO NOT EMPTY REMAINS INTO DRAINS</b>
	<b>S37/39 S46</b>	<b>WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION IF SWALLOWED SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL</b>

## SECTION 16: OTHER INFORMATION



### HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTIVE EQUIPMENT	GLOVES AND SAFETY GLASSES OR CHEMICAL GOGGLES

### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

### ABBREVIATIONS:

NA	NOT APPLICABLE
NE	NOT ESTABLISHED

ND	NOT DETERMINED
PPM	PARTS PER MILLION
MG	MILLIGRAM
GM	GRAM
KG	KILOGRAM
G	GALLON
L	LITER
MOL	MOLE
U	MICRO
P	PICO
MM	MILLIMETER
PA	PASCALS
LC	LETAL CONCENTRATION
LD	LETHAL DOSE
TD	TOXIC DOSE
COD	CHEMICAL OXYGEN DEMAND
THOD	THEORETICAL OXYGEN DEMAND
TC	TOXIC CONCENTRATION
BOD	BIOLOGICAL OXYGEN DEMAND
LO	LOWEST
TLM	THRESHOLD LIMIT
H	HOURS
D	DAYS
W	WEEKS
M	MONTHS
Y	YEARS
ACGIH	AMERICAN CONFERENCE OF GOVERNMENTS INDUSTRIAL HYGENIST
CPR	CONTROLLED PRODUCTS REGULATION
DSL	CANADIAN DOMESTIC SUBSTANCE LIST
NDSL	CANADIAN NON DOMESTIC SUBSTANCE LIST
IARC	INTERNATIONAL AGENCY FOR RESEARCH FOR CANCER
NOEL	NO OBSERVED ADVERSE EFFECT LEVEL
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL	PERMISSIBLE EXPOSURE LIMIT
TLV	THRESHOLD LIMIT VALUE