

SAFETY DATA SHEETS

This SDS packet was issued with item:

073637352

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

071273390 071447416 073637329 073637337 073637345 073637360 073637378 073637386 510009099

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

SAFETY DATA SHEETS / GHS

1/6/2016

SECTION 1: PRODUCT IDENTIFICATION: QYK-SET FOR TEMPORARIES-POWDER

CHEMICAL NAME: METHACRYLATE COPOLYMER

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



SECTION 2 : HAZARD(S) IDENTIFICATION



WARNING FOR POLYMER:

OSHA CLASSIFIES THIS MATERIAL AS PARTICULATES, NOT OTHERWISE CLASSIFIED

EYES:	MAY BE IRRITATING TO THE EYES BY GROSS OVER-EXPOSURE, NO MATTER HOW GENERATED. SYMPTOMS OF EXPOSURE MAY INCLUDE REDNESS; ITCHING; IRRITATION AND WATERING. KEEP DUST OUT OF EYES. IN THE EVENT DUST GETS INTO THE EYES FLUSH WITH WATER OR SALINE IMMEDIATELY
INGESTION :	NOT EXPECTED TO CAUSE ANY HARMFUL EFFECTS. INGESTION OF LARGE AMOUNTS MAY BE IRRITATING IF PRODUCT IS SWALLOWED. MAY CAUSE NAUSEA, HEADACHE, VOMITTING AND/OR DIARRHEA.
SKIN:	MAY BE IRRITATING TO THE SKIN IN SOME SENSITIVE INDIVIDUALS, ESPECIALLY AFTER PROLONGED AND/OR REPEATED CONTACT.
INHALATION :	MAY BE IRRITATED BY GROSS OVER-EXPOSURE, NO MATTER HOW GENERATED

CHRONIC HAZARDS: **NONE KNOWN**

CARCINOGENICITY: IARC LISTS BENZOYL PEROXIDE AS UNCLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS. NONE OF THE OTHER COMPONENTS OF THIS MATERIAL ARE LISTED BY IARC, NTP, 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%
POLYMER	25685-29-4	60.0-100.0
BENZOYL PEROXIDE	94-36-0	0.0-5.0

TLV-TWA	TLV-STEL	PEL TWA	PEL CEILING	RECOMMENDATION	SKIN
10 mg/m	NE	15 mg/m	NE	15mg/m	NE
5mg/m	NE	5mg/m	NE	5mg/m	NE

SECTION 4: FIRST AID MEASURES



EMERGENCY AND FIRST AID PROCEDURES

EYES	IF PRODUCT GETS INTO THE EYES FLUSH WITH COPIOUS AMOUNTS OF LUKEWARM WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, CONTACT A PHYSICIAN.
INGESTION	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
INHALATION	REMOVE TO FRESH AIR AND SEEK IMMEDIATE MEDICAL ATTENTION
SKIN	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

CLOTHING	REMOVE CONTAMINATED CLOTHING, WASH THOROUGHLY BEFORE REUSE
TREATMENT	TREAT SYMPTOMS CONVENTIONALLY, AFTER THROUGH DECONTAMINATION

SECTION 5: FIRE FIGHTING MEASURES



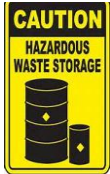
FLASH POINT	304 °C, 580 °F
FLAMMABLE LIMIT AIR VOL%	UPPER N/A LOWER N/A
AUTOIGNITION TEMPERATURE	NE
EXTINGUISHER METHOD	WATER, CARBON DIOXIDE, DRY CHEMICAL
FIRE AND EXPLOSION HAZARDS	POLYMER DUST IS COMBUSTABLE. THE EXPLOSIVE LIMITS OF THE POLYMER PARTICLES ARE SUSPENDED IN AIR ARE APPROXIMATELY THOSE OF COAL DUST.
SPECIAL FIRE FIGHTING PROCEDURES	AVOID EXTINGUISHING METHODS, WHICH MAY GENERATE DUST CLOUDS. WATER STREAM CAN DISPERSE DUST INTO AIR PRODUCING A FIRE HAZARD AND POSSIBLE EXPLOSION TO IGNITION SOURCE.
EXPLOSION HAZARD	FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS
SENSITIVE TO MECHANICAL IMPACT	NO
SENSITIVE TO STATIC DISCHARGE	NO

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



PRECAUTIONS FOR HANDLING	USE IN WELL VENTILATED AREAS. AVOID CONTACT WITH SKIN, EYES AND CLOTHING, AVOID BREATHING DUST. USE GOOD PERSONAL HYGIENE AND HOUSEKEEPING.
PRECAUTIONS FOR STORAGE	STORE CONTAINERS IN A COOL, DRY LOCATION, AWAY FROM DIRECT SUNLIGHT AND/OR OTHER LIGHT SOURCES OR SOURCES OF INTENSE HEAT. KEEP CONTAINER CLOSED TO PREVENT WATER ABSORPTION AND CONTAMINATION.
INDUSTRIAL HYGIENE PRACTICES	AVOID PROLONGED CONTACT WITH THE PRODUCT. USE IN A WELL-VENTILATED LOCATION (E.G. LOCAL EXHAUST VENTILATION, FANS) 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	
RESPIRATORY PROTECTION	
EYE PROTECTION	
PROTECTIVE GLOVES	
OTHER PROTECTIVE EQUIPMENT	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE	FINE, CLEAR TO PIGMENTED POWDER
ODOR	FAINT ODOR IN BULK
PH	NA
ODOR THRESHOLD	ND
BOILING POINT	NA
FREEZING POINT	NA
VISCOSITY	NA
SPECIFIC GRAVITY	ND
VAPOR PRESSURE	NA
PERCENT VOLATILE	NA
VAPOR DENSITY	NA
EVAPORATION RATE	NA
SOLUBILITY IN WATER	INSOLUBLE
COEFFICIENT OF WATER/OIL DISTRIBUTION	ND

SECTION 10: STABILITY AND REACTIVITY



CONDITIONS TO AVOID	HEATING ABOVE 240° C, 464° F	
INCOMPATIBILITY (MATERIALS TO AVOID)	STRONG OXIDIZING AGENTS	
HAZARDOUS DECOMPOSITION PRODUCTS	METHACRYLATE MONOMER AND OXIDES OF CARBON WHEN BURNED	
HAZARDOUS POLYMERIZATION	MAY OCCUR	MAY NOT OCCUR x
STABILITY	UNSTABLE	STABLE x

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
MUTAGENICITY DATA	THIS PRODUCT IS NOT REPORTED TO PRODUCE MUTAGENIC EFFECTS IN HUMANS
REPRODUCTIVE TOXICITY DATA	EMBRYOTOXICITY THIS PRODUCT IS NOT REPORTED TO PRODUCE EMBRYOTOXIC EFFECTS IN HUMANS TERATOGENICITY THIS PRODUCT IS NOT REPORTED TO CAUSE TERAOGENIC EFFECTS IN HUMANS REPRODUCTIVE TOXCICITY THIS PRODUCT IS NOT REPORTED TO CAUSE REPRODUCTIVE EFFECTS IN HUMANS

SECTION 12: ECOLOGICAL INFORMATION



AQUATIC TOXICITY	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
ENVIRONMENTAL FATE	THIS IS NO SPECIFIC DATA AVAILABLE FOR THIS PRODUCT

SECTION 13: DISPOSAL CONSIDERATIONS



WASTE DISPOSAL METHOD	DISPOSE OF PROPERLY IN ACCORDANCE WITH FEDERAL STATE AND LOCAL REGULATIONS
DISPOSAL OD EMPTY CONTAINERS	REUSE OF EMPTY DRUMS OR CONTAINERS IS NOT RECOMMENDED. EMPLOYEES SHOULD BE ADV ISED 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	POLYMER,NOI
DOT/UN CLASS	
NA/UN NUMBER	
PACKING GROUP	
LABEL	
IMDG CLASS	
IMDG PG	
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

RISK STATEMENTS	R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN
SAFETY STATEMENTS	S3	KEEP IN COOL PLACE
	S7	KEEP CONTAINER TIGHTLY CLOSED
	S9	KEEP CONTAINER IN WELL VENTILATED PLACE
	S20	WHEN USING DO NOT EAT OR DRINK
	S29	DO NOT EMPTY REMAINS INTO DRAINS
	S37/39	WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION

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