Krylex KG185 'Form in Place' Gasket Maker

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 9/30/2021 Supersedes: 9/30/2021 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form	:	Mixture
Name	:	Krylex KG185 'Form in Place' Gasket Maker
Product code	:	KG185
Other means of identification	:	Krylex general purpose anaerobic gasket maker

1.2. Recommended use and restrictions on use

Use of the substance/mixture	:	Gasket compound
Use of the substance/mixture	:	Adhesives, sealants

1.3. Supplier

Manufacturer
Chemence, Inc. Inc.
185 Bluegrass Valley Parkway
Alpharetta, Forsyth, 30005
United States
T 770-664-6624 - F 770-664-6620
CustomerService1@Chemence.com - http://www.Chemence.com

1.4. Emergency telephone number

Emergency number	:	1-800-424-9300; CHEMTREC® International Emergency number: 703-527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation Category 2	H319	Causes serious eye irritation
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Specific target organ toxicity (repeated exposure) Category 2	H373	May cause damage to organs through prolonged or repeated exposure
Hazardous to the aquatic environment - Acute Hazard Category 3	H402	Harmful to aquatic life

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H315 - Causes skin irritation
H317 - May cause an allergic skin reaction

Precautionary statements (GHS US)	:	H319 - Causes serious eye irritation H373 - May cause damage to organs through prolonged or repeated exposure H402 - Harmful to aquatic life P261 - Avoid breathing vapors. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P302+P352 - If on skin: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P362+P364 - Take off contaminated clothing and wash it before reuse. P403 - Store in a well-ventilated place. P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Polyurethane acrylate resin	CAS-No.: Trade Secret	≥ 45 – < 60	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
hydroxypropyl methacrylate	CAS-No.: 27813-02-1	≥ 15 – < 30	Eye Irrit. 2, H319 Skin Sens. 1, H317
Polyethylene Glycol Dimethacrylate	CAS-No.: 25852-47-5	≥ 8 – < 15	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Silicones and siloxanes, dimethyl-,reaction products with silica	CAS-No.: 67762-90-7	≥ 5 – < 8	Not classified
cumene hydroperoxide	CAS-No.: 80-15-9	≥ 1 – < 3	Flam. Liq. 4, H227 Org. Perox. E, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Inhalation), H331 Acute Tox. 2 (Inhalation:vapour), H330 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Chronic 2, H411

Name	Product identifier	%	GHS US classification
ethylene glycol	CAS-No.: 107-21-1	≥ 0.1 – < 1	Acute Tox. 4 (Oral), H302

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Overexposure may be irritating to the respiratory system.

First-aid measures after skin contact : Take off contaminated clothing. Rinse immediately with plenty of water for 15 minutes. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Immediately after ingestion: give lots of water to drink. Get immediate medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms : Moderately irritant to skin. Irritation: severely irritant to eyes. May cause an allergic skin reaction.

Symptoms/effects : Causes skin and eye irritation. May cause an allergic skin reaction.

Symptoms/effects after inhalation : Slight irritation.

Symptoms/effects after skin contact : skin irritation and erythema. Redness. Allergic skin rash.

Symptoms/effects after eye contact : Causes serious eye irritation. redness, itching, tears.

Symptoms/effects after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. Abdominal pain, nausea.

Most Important Symptoms/Effects : May produce an allergic reaction.

Chronic symptoms : May cause damage to lungs by prolonged or repeated exposure.

4.3. Immediate medical attention and special treatment, if necessary

An eyewash station to Standard Z358.1-2014 should be available on the premises.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

Unsuitable extinguishing media : high volume water jet or water based extinguishing media.

5.2. Specific hazards arising from the chemical

Fire hazard : Polymerizes on exposure to temperature rise: pressure build-up may cause closed container to burst.

Reactivity in case of fire : on exposure to temperature rise: pressure rise and possible bursting of container.

Hazardous decomposition products in case of fire : Combustion products may include the following: carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO_2 etc.).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers.
Protection during firefighting	:	Use self-contained breathing apparatus and chemically protective clothing.
Other information	:	Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Avoid all contact with skin, eyes, or clothing. Do not approach fire except upwind and only with proper skin and respiratory protection (supplied air only).

6.1.1. For non-emergency personnel

Protective equipment	:	Use personal protective equipment as required.
Emergency procedures	:	Keep suitable chemically resistant protective clothing readily available for emergency use.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. Safety glasses, Gloves, Synthetic apron, Dust respirator.
Emergency procedures	:	Contain the spilled material by bunding. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	:	Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large quantities: Contain large spillage with sand or earth. Place spent adsorbent in sealed packages and contact specialist waste disposal contractor. Notify authorities if product enters sewers or public waters.
Other information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Do not eat, drink or smoke when using this product. Wear eye protection, protective gloves. Avoid contact with skin and eyes. Provide local exhaust or general room ventilation.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Store away from direct sunlight or other heat sources.
Storage conditions	:	Keep container tightly closed. Keep container closed when not in use. Store in a dry place.
Incompatible products	:	Oxidizing agent. Strong acids. Strong bases.
Incompatible materials	:	Metals. Heat sources. hot surfaces, naked flames. Direct sunlight.
Storage temperature	:	2 – 25 °C
Storage area	:	Protect from sunlight. Store in a well-ventilated place.
Packaging materials	:	Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	:	Avoid all unnecessary exposure. Provide adequate general and local exhaust ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Environmental exposure controls	:	Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:
Protective clothing. Safety glasses. Gloves.

Hand protection:				
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**
Reusable gloves	Nitrile rubber (NBR), Fluoroelastomer (FKM), Viton® II	6 (> 480 minutes)	>0.4	

Eye protection:		
Safety glasses		
Type	**Field of application**	**Characteristics**
Safety glasses	Droplet	clear

Skin and body protection:
Protective clothing

Respiratory protection:		
Wear respiratory protection.		
Device	**Filter type**	**Condition**
Reusable half mask	Type A - High-boiling (>65 °C) organic compounds	If conc. in air > exposure limit

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid.
Color	:	red
Odor	:	Characteristic odour
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	> 400 °F
Flash point	:	> 212 °F
Relative evaporation rate (butyl acetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	Low
Flammability (solid, gas)	:	Not flammable.
Vapor pressure	:	≈ 0.1 mm Hg @20 °C / 68 °F
Relative vapor density at 20 °C	:	No data available
Relative density	:	≈ 1.09
Solubility	:	In water, material is partially soluble. Soluble in acetone. Water: < 10 %
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	75000 – 150000 cP Thixotropic behaviour; Brookfield RVT, 'T'- spindle E, 20rpm
Explosion limits	:	No data available
Explosive properties	:	Product is not explosive.
Oxidizing properties	:	Not oxidising.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. May polymerize on exposure to temperature rise: pressure rise and possible bursting of container.

10.2. Chemical stability

Stable under normal conditions. Anaerobic product: Presence of air in the container is important to keep formulary inhibitors active to maintain product stability.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use. Polymerizes on exposure to temperature rise: pressure build-up may cause closed container to burst.

10.4. Conditions to avoid

Heat. Direct sunlight. High temperature.

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases. copper and its alloys.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature. Combustion products may include the following: carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO_2 etc.).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

cumene hydroperoxide (80-15-9)	
LD50 oral rat	382 mg/kg (Rat, Male, Experimental value, Oral)
LD50 dermal rabbit	134 mg/kg body weight (24 h, Rabbit, Male, Weight of evidence, Dermal)
LC50 Inhalation - Rat	1.39 mg/l (4 h, Rat, Male, Experimental value, Converted value, Inhalation (vapours))
ATE US (oral)	382 mg/kg body weight
ATE US (dermal)	134 mg/kg body weight
ATE US (gases)	700 ppmV/4h
ATE US (vapors)	1.39 mg/l/4h
ATE US (dust, mist)	1.39 mg/l/4h

hydroxypropyl methacrylate (27813-02-1)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, 24 h, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 5000 mg/kg body weight (24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))

Silicones and siloxanes, dimethyl-,reaction products with silica (67762-90-7)	
LD50 oral rat	> 1000 mg/kg (Rat, Oral)
LD50 dermal rat	> 2000 mg/kg (Rat, Dermal)

ethylene glycol (107-21-1)	
LD50 oral rat	7712 mg/kg body weight (according to BASF-internal standards, Rat, Male / female, Experimental value, Aqueous solution, Oral, 7 day(s))
LC50 Inhalation - Rat	> 2.5 mg/l (6 h, Rat, Male / female, Experimental value, Inhalation (aerosol))

ethylene glycol (107-21-1)	
ATE US (oral)	500 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

Polyethylene Glycol Dimethacrylate (25852-47-5)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

cumene hydroperoxide (80-15-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified
(Based on available data, the classification criteria are not met)

Viscosity, kinematic : No data available

Potential Adverse human health effects and symptoms : Moderately irritant to skin. Irritation: severely irritant to eyes. May cause an allergic skin reaction.

Symptoms/effects : Causes skin and eye irritation. May cause an allergic skin reaction.

Symptoms/effects after inhalation : Slight irritation.

Symptoms/effects after skin contact : skin irritation and erythema. Redness. Allergic skin rash.

Symptoms/effects after eye contact : Causes serious eye irritation. redness, itching, tears.

Symptoms/effects after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. Abdominal pain, nausea.

Most Important Symptoms/Effects : May produce an allergic reaction.

Chronic symptoms : May cause damage to lungs by prolonged or repeated exposure.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Hazardous to the aquatic environment - Acute Hazard Category 3.

saccharin (81-07-2)	
LC50 - Fish [1]	18300 mg/l (96 h, Pimephales promelas, Flow-through system, Salt water, Experimental value, Lethal)

cumene hydroperoxide (80-15-9)	
LC50 - Fish [1]	3.9 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	18.84 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	3.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

hydroxypropyl methacrylate (27813-02-1)	
LC50 - Fish [1]	493 mg/l (DIN 38412-15, 48 h, Leuciscus idus, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	> 143 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 97.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Silicones and siloxanes, dimethyl-,reaction products with silica (67762-90-7)	
LC50 - Fish [1]	> 10000 mg/l Brachydanio rerio, 96 h
EC50 - Crustacea [1]	> 1000 mg/l Daphnia magna, 24 h

ethylene glycol (107-21-1)	
LC50 - Fish [1]	> 72860 mg/l (EPA 600/4-90/027, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, Daphnia magna, Static system, Fresh water, Experimental value)

12.2. Persistence and degradability

Krylex KG185 'Form in Place' Gasket Maker	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.

saccharin (81-07-2)	
Persistence and degradability	Readily biodegradable in water.

cumene hydroperoxide (80-15-9)	
Persistence and degradability	Not readily biodegradable in water.

hydroxypropyl methacrylate (27813-02-1)	
Persistence and degradability	Readily biodegradable in water.

Silicones and siloxanes, dimethyl-,reaction products with silica (67762-90-7)	
Persistence and degradability	Biodegradability in soil: no data available.

ethylene glycol (107-21-1)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.47 g O_2/g substance
Chemical oxygen demand (COD)	1.24 g O_2/g substance
ThOD	1.29 g O_2/g substance

12.3. Bioaccumulative potential

Krylex KG185 'Form in Place' Gasket Maker	
Bioaccumulative potential	Slightly or not bioaccumulative.

saccharin (81-07-2)	
BCF - Fish [1]	1.58 – 2.1 (Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-0.024 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

cumene hydroperoxide (80-15-9)	
BCF - Fish [1]	9 (Calculated value)
BCF - Other aquatic organisms [1]	9 (BCFWIN, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

hydroxypropyl methacrylate (27813-02-1)	
Partition coefficient n-octanol/water (Log Pow)	0.97 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Silicones and siloxanes, dimethyl-,reaction products with silica (67762-90-7)	
Bioaccumulative potential	No bioaccumulation data available.

ethylene glycol (107-21-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.36 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

Krylex KG185 'Form in Place' Gasket Maker	
Ecology - soil	Material nearly insoluble in water. Not volatile. The liquid is heavier than water.

cumene hydroperoxide (80-15-9)	
Surface tension	28 mN/m (-9 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.6 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

hydroxypropyl methacrylate (27813-02-1)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

ethylene glycol (107-21-1)	
Surface tension	48.4 mN/m (20 °C)

ethylene glycol (107-21-1)	
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Disposal to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Product/Packaging disposal recommendations : a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Krylex KG185 'Form in Place' Gasket Maker	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
saccharin	81-07-2	Present	Active	
cumene hydroperoxide	80-15-9	Present	Active	
hydroxypropyl methacrylate	27813-02-1	Present	Active	
Silicones and siloxanes, dimethyl-,reaction products with silica	67762-90-7	Present	Active	XU
Polyethylene Glycol Dimethacrylate	25852-47-5	Present	Active	XU
Polyurethane acrylate resin	Trade Secret	Present	Active	XU
ethylene glycol	107-21-1	Present	Active	XU

saccharin (81-07-2)	
Subject to reporting requirements of United States SARA Section 313 Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	100 lb

cumene hydroperoxide (80-15-9)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	10 lb

ethylene glycol (107-21-1)	
Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb

15.2. International regulations

CANADA

saccharin (81-07-2)

Listed on the Canadian DSL (Domestic Substances List)

cumene hydroperoxide (80-15-9)

Listed on the Canadian DSL (Domestic Substances List)

hydroxypropyl methacrylate (27813-02-1)

Listed on the Canadian DSL (Domestic Substances List)

Polyethylene Glycol Dimethacrylate (25852-47-5)

Listed on the Canadian DSL (Domestic Substances List)

Polyurethane acrylate resin (Trade Secret)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

ethylene glycol (107-21-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

hydroxypropyl methacrylate (27813-02-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

ethylene glycol (107-21-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

ethylene glycol (107-21-1)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	No	No		8700 µg/day (oral)

Component	State or local regulations
saccharin(81-07-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
cumene hydroperoxide(80-15-9)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
ethylene glycol(107-21-1)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases	
H227	Combustible liquid
H242	Heating may cause a fire.
H302	Harmful if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects

Hazard Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability : 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)

Physical : 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Personal protection : B - Safety glasses, Gloves

Safety Data Sheet (SDS), USA

Krylex KG185 'Form in Place' Gasket Maker

Safety Data Sheet

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This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Nothing herein shall be considered as recommending practices or products in violation of any patent, law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. WE MAKE NO WARRANTIES REGARDING THE PRODUCTS AND DISCLAIM ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.