Safety Data Sheet
acc. to OSHA HCS

Date of issue: 12/08/2025 *Reviewed on 07/25/2025*

1 Identification

- ***Product identifier***
  - ***Trade name:*** Torque-Lok™ Pipe Sealant with PTFE
- ***Other means of identification***
  - ***Part number:*** 80-1212 80-1213
- ***Application of the substance / the mixture***
Sealing
Sealant
- ***Details of the supplier of the safety data sheet***
  - ***Manufacturer/Supplier:***
Kimball Midwest
4800 Roberts Road
Columbus, OH 43228
Tel: (800) 233-1294
  - ***Information department:*** Product Safety Department
- ***Emergency telephone number:***
United States: 1-800-424-9300
International: +1-703-527-3887

2 Hazard(s) identification

- ***Classification of the substance or mixture***


GHS07

Skin irritation 2	H315 Causes skin irritation.
Eye irritation 2A	H319 Causes serious eye irritation.
Sensitization - skin 1	H317 May cause an allergic skin reaction.
Specific target organ toxicity (single exposure) 3	H335 May cause respiratory irritation.

- ***Label elements***
  - ***GHS label elements*** The product is classified and labeled according to the Globally Harmonized System (GHS).
    - ***Hazard pictograms***


GHS07

    - ***Signal word*** Warning
    - ***Hazard-determining components of labeling:***
Bisphenol A epoxy Acrylate
2-(2-methylprop-2-enoyloxy)ethyl 2-methylprop-2-enoate
2'-phenylacetohydrazide
    - ***Hazard statements***
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
    - ***Precautionary statements***

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves.
P280	Wear eye protection / face protection.
P302+P352	If on skin: Wash with plenty of water.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a poison center/doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

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P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- ***Other hazards***
  - ***Results of PBT and vPvB assessment***
    - ***PBT:*** Not applicable.
    - ***vPvB:*** Not applicable.
- ***Classification according to (d)(1)(ii) of § 1910.1200***
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
- ***Hazards not otherwise classified***
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

*
3 Composition/information on ingredients

- ***Chemical characterization: Mixtures***
  - ***Description:*** Mixture of the substances listed below with nonhazardous additions.

- ***Dangerous components:***

CAS: 25852-47-5	2-(2-methylprop-2-enoyloxy)ethyl 2-methylprop-2-enoate Skin irritation 2, H315; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H335	10 – 30%
	Bisphenol A epoxy Acrylate Sensitization - skin 1, H317	10 – 30%
CAS: 9004-36-8	Cellulose Acetate Butyrate Combustible Dust	5 – 10%
CAS: 8002-74-2	Paraffin wax Combustible Dust	1 – 5%
CAS: 57-55-6	propane-1,2-diol Acute toxicity - oral 4, H302	0.5 – 1.5%
CAS: 80-15-9	dimethylbenzyl hydroperoxide Self-reactive substances and mixtures - Type F, H242; Organic peroxides - Type E, H242; Acute toxicity - inhalation 3, H331; Specific target organ toxicity (repeated exposure) 2, H373; Aspiration hazard 1, H304; Skin corrosion 1B, H314; Eye damage 1, H318; Acute toxicity - oral 4, H302; Acute toxicity - dermal 4, H312; Specific target organ toxicity (single exposure) 3, H335; Flammable liquids 4, H227	0.1 – 1%
CAS: 114-83-0	2'-phenylacetohydrazide Acute toxicity - oral 4, H302; Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317; Specific target organ toxicity (single exposure) 3, H335	0.1 – 1%

4 First-aid measures

- ***Description of first aid measures***
  - ***After inhalation:***
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air; consult doctor in case of complaints.
  - ***After skin contact:*** Immediately wash with water and soap and rinse thoroughly.
  - ***After eye contact:*** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - ***After swallowing:*** If symptoms persist consult doctor.
- ***Most important symptoms and effects, both acute and delayed*** No further relevant information available.
- ***Indication of any immediate medical attention and special treatment needed*** No further relevant information available.

5 Fire-fighting measures

- ***Extinguishing media***
  - ***Suitable extinguishing agents:*** Use fire fighting measures that suit the environment.
- ***Special hazards arising from the substance or mixture*** No further relevant information available.
- ***Advice for firefighters***
  - ***Protective equipment:***
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- ***Personal precautions, protective equipment and emergency procedures***
Ensure adequate ventilation
Wear protective clothing.
- ***Environmental precautions:*** Do not allow to enter sewers/ surface or ground water.
- ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

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Dispose of the collected material according to regulations.
- ***Reference to other sections***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- ***Precautions for safe handling***
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
  - ***Information about protection against explosions and fires:*** No special measures required.
- ***Conditions for safe storage, including any incompatibilities***
  - ***Storage:***
    - ***Requirements to be met by storerooms and receptacles:*** No special requirements.
    - ***Information about storage in one common storage facility:*** Not required.
    - ***Further information about storage conditions:***
    Keep receptacle tightly sealed.
    Store in cool, dry conditions in well sealed receptacles.
- ***Specific end use(s)*** No further relevant information available.

8 Exposure controls/personal protection

- ***Control parameters***
  - ***Components with limit values that require monitoring at the workplace:***
  At this time, the other constituents have no known exposure limits.

CAS: 8002-74-2 Paraffin wax	
REL	Long-term value: 2 mg/m³
TLV	Long-term value: 2 mg/m³
CAS: 57-55-6 propane-1,2-diol	
WEEL	Long-term value: 10 mg/m³
CAS: 80-15-9 dimethylbenzyl hydroperoxide	
WEEL	Long-term value: 6 mg/m³, 1 ppm Skin

  - ***Additional information:*** The lists that were valid during the creation were used as basis.

- ***Exposure controls***
  - ***Appropriate engineering controls*** No further data; see section 7.
  - ***Personal protective equipment:***
    - ***General protective and hygienic measures:***
    Keep away from foodstuffs, beverages and feed.
    Immediately remove all soiled and contaminated clothing.
    Wash hands before breaks and at the end of work.
    Avoid contact with the eyes and skin.
    - ***Breathing equipment:***
    Not required.
    In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
    - ***Protection of hands:***



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
      - ***Material of gloves***
      The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
      Nitrile rubber, NBR
      - ***Penetration time of glove material***
      The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
    - ***Eye protection:*** Required use of safety glasses
    - ***Body protection:*** Protective work clothing

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* 9 Physical and chemical properties

- ***Information on basic physical and chemical properties***
  - ***General Information***
    - ***Physical state*** Liquid
    - ***Color:*** White
    - ***Odor:*** Characteristic
      - ***Odor threshold:*** Not determined.
    - ***Melting point/Melting range:*** Undetermined.
    - ***Boiling point/Boiling range:*** ≥ 200 °C (≥ 392 °F)
    - ***Flammability:*** Not applicable.
    - ***Explosion limits:***
      - ***Lower:*** Not determined.
      - ***Upper:*** Not determined.
    - ***Flash point:*** 131 °C (267.8 °F)
    - ***Auto igniting:*** > 300 °C (> 572 °F)
    - ***Decomposition temperature:*** Not determined.
    - ***pH-value:*** Not determined.
    - ***Viscosity:***
      - ***Kinematic:*** Not determined.
      - ***Dynamic:*** Not determined.
    - ***Solubility in / Miscibility with***
      - ***Water:*** Not miscible or difficult to mix.
    - ***Partition coefficient (n-octanol/water):*** Not determined.
    - ***Vapor pressure at 20 °C (68 °F):*** n.a. hPa
    - ***Vapor pressure:***
      - ***Density:*** Not determined.
      - ***Relative density*** Not determined.
      - ***Vapor density*** Not determined.
    - ***Particle characteristics*** Not applicable.
- ***Other information***
  - ***Appearance:***
    - ***Form:*** Pasty
  - ***Important information on protection of health and environment, and on safety.***
    - ***Ignition temperature:*** Product is not selfigniting.
    - ***Danger of explosion:*** Product does not present an explosion hazard.
    - ***Solvent content:***
      - ***Organic solvents:*** 1.4 %
      - ***Water:*** 0.5 %
      - ***VOC content:*** 1.45 %
        14.5 g/l / 0.12 lb/gal
      - ***Solids content:*** 82.2 %
  - ***Change in condition***
    - ***Evaporation rate*** Not determined.

10 Stability and reactivity

- ***Reactivity*** No further relevant information available.
- ***Chemical stability***
  - ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
- ***Possibility of hazardous reactions*** No dangerous reactions known.
- ***Conditions to avoid*** No further relevant information available.
- ***Incompatible materials:*** No further relevant information available.
- ***Hazardous decomposition products:*** No dangerous decomposition products known.

11 Toxicological information

- ***Information on toxicological effects***
  - ***Acute toxicity:***
    - ***LD/LC50 values that are relevant for classification:***

ATE (Acute Toxicity Estimate)		
Oral	LD50	146,092 mg/kg (rat)
Inhalative	LC50/4 h	43,651 mg/l (rat)

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CAS: 9004-36-8 Cellulose Acetate Butyrate		
Oral	LD50	> 6,400 mg/kg (rabbit)
Dermal	LD50	> 1,000 mg/kg (rabbit)
CAS: 57-55-6 propane-1,2-diol		
Oral	LD50	2,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)
CAS: 80-15-9 dimethylbenzyl hydroperoxide		
Oral	LD50	382 mg/kg (rat)
Dermal	LD50	500 mg/kg (rat)
Inhalative	LC50/4 h	220 mg/l (rat)
CAS: 114-83-0 2'-phenylacetohydrazide		
Oral	LD50	270 mg/kg (mouse)

- ***Primary irritant effect:***
  - ***on the skin:*** Irritant to skin and mucous membranes.
  - ***on the eye:*** Irritating effect.
- ***Sensitization:*** Sensitization possible through skin contact.
- ***Additional toxicological information:***
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- ***Interactive effects*** No interactive effects between components are known.
- ***Carcinogenic categories***

- ***IARC (International Agency for Research on Cancer)***		
CAS: 9002-84-0	Polytetrafluoroethylene	3
CAS: 13463-67-7	titanium dioxide	2B
CAS: 98-82-8	Cumene	2B

- ***NTP (National Toxicology Program)***		
CAS: 98-82-8	Cumene	R

- ***OSHA-Ca (Occupational Safety & Health Administration)***

None of the ingredients is listed.

- ***Alternative sources for toxicological information*** No non-standard sources for toxicological information where used.

12 Ecological information

- ***Toxicity***
  - ***Aquatic toxicity:*** No further relevant information available.
- ***Persistence and degradability*** No further relevant information available.
- ***Bioaccumulative potential*** No further relevant information available.
- ***Mobility in soil*** No further relevant information available.
- ***Results of PBT and vPvB assessment***
  - ***PBT:*** Not applicable.
  - ***vPvB:*** Not applicable.
- ***Other adverse effects***
  - ***Additional ecological information:***
    - ***General notes:***
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- ***Waste treatment methods***
  - ***Recommendation:*** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
  - ***Uncleaned packagings:***
    - ***Recommendation:*** Disposal must be made according to official regulations.

14 Transport information

- ***UN-Number***	
- ***DOT, ADN, IMDG, IATA***	not regulated
- ***UN proper shipping name***	
- ***DOT, ADN, IMDG, IATA***	not regulated

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- ***Transport hazard class(es)***	
- ***DOT, ADN, IMDG, IATA***	
- ***Class***	not regulated
- ***Packing group***	
- ***DOT, IMDG, IATA***	not regulated
- ***Environmental hazards:***	
- ***Marine pollutant:***	No
- ***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code***	Not applicable.
- ***Special precautions for user***	Not applicable.
- ***UN "Model Regulation":***	not regulated

* 15 Regulatory information

- ***Safety, health and environmental regulations/legislation specific for the substance or mixture***
No further relevant information available.

- ***Sara***

- ***Section 355 (extremely hazardous substances):***

None of the ingredients is listed.

- ***Section 313 (Specific toxic chemical listings):***

CAS: 80-15-9	dimethylbenzyl hydroperoxide
CAS: 98-82-8	Cumene
CAS: 98-86-2	acetophenone

- ***TSCA (Toxic Substances Control Act):***

All components have the value ACTIVE.

- ***Hazardous Air Pollutants***

CAS: 98-82-8	Cumene
CAS: 98-86-2	acetophenone

- ***Proposition 65***

- ***Chemicals known to cause cancer:***

CAS: 98-82-8	Cumene

- ***Chemicals known to cause reproductive toxicity for females:***

None of the ingredients is listed.

- ***Chemicals known to cause reproductive toxicity for males:***

None of the ingredients is listed.

- ***Chemicals known to cause developmental toxicity:***

None of the ingredients is listed.

- ***Carcinogenic categories***

- ***EPA (Environmental Protection Agency)***

CAS: 98-82-8	Cumene	D, CBD
CAS: 98-86-2	acetophenone	D

- ***TLV (Threshold Limit Value)***

CAS: 13463-67-7	titanium dioxide	A4

- ***NIOSH-Ca (National Institute for Occupational Safety and Health)***

CAS: 13463-67-7	titanium dioxide

- ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- ***Department issuing SDS:*** Safety, Health and Environmental Affairs

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- ***Classification System:***
  - ***HMIS-ratings (scale 0 - 4)***



Health = 2
Fire = 1
Reactivity = 0

  - ***NFPA ratings (scale 0 - 4)***



Health = 2
Fire = 1
Reactivity = 0

- ***Date of previous version*** 07/09/2025
- ***Version number of previous version:*** 101
- ***Date of preparation*** 12/08/2025
- ***Abbreviations and acronyms:***

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flammable liquids 4: Flammable liquids – Category 4
Self-reactive substances and mixtures - Type F: Self-reactive substances and mixtures – Type E/F
Organic peroxides - Type E: Organic peroxides – Type E/F
Acute toxicity - oral 4: Acute toxicity – Category 4
Acute toxicity - inhalation 3: Acute toxicity – Category 3
Skin corrosion 1B: Skin corrosion/irritation – Category 1B
Skin irritation 2: Skin corrosion/irritation – Category 2
Eye damage 1: Serious eye damage/eye irritation – Category 1
Eye irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - skin 1: Skin sensitisation – Category 1
Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3
Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2
Aspiration hazard 1: Aspiration hazard – Category 1

- **** Data compared to the previous version altered.***

- ***Disclaimer***

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