

SAFETY DATA SHEET EPO-TEK® 310M-2 Part A

1. Identification	
Product identifier	
Product name	EPO-TEK® 310M-2 Part A
Product number	310M-2/A
Recommended use of the che	mical and restrictions on use
Application	Adhesive.
Uses advised against	Use only for intended applications.
Details of the supplier of the sa	afety data sheet
Supplier	Epoxy Technology, Inc. 14 Fortune Drive Billerica, MA 01821 USA (978) 667-3805 (978) 663-9782 www.epotek.com, SDS@epotek.com
Emergency telephone number	
Emergency telephone	ChemTel: +1 (800) 255-3924, +1 (813) 248-0585
2. Hazard(s) identification	
Classification of the substance	er mixture
OSHA Regulatory Status	This Product is Hazardous under the OSHA Hazard Communication Standard.
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317
Environmental hazards	Aquatic Chronic 2 - H411
Label elements Hazard symbols	
Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements	 P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 If on skin: Wash with plenty of water. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
Contains	Epoxy Resin Blend, Reactive Diluent

3. Composition/information on ingredients

Mixtures

Epoxy Resin Blend	30-60%
CAS number: Proprietary	
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
Reactive Diluent	10-30%
CAS number: Proprietary	
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	

The full text for all hazard statements is displayed in Section 16.

Ingredient notes	The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR
	1910.1200. The exact identity is withheld as a trade secret in accordance with 29 CFR
	1910.1200.

4. First-aid measures

Description of first aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if symptoms are severe or persist. Never give anything by mouth to an unconscious person.
Ingestion	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse nose and mouth with water. Give plenty of water to drink. Do not induce vomiting unless under the direction of medical personnel. Get medical attention if symptoms are severe or persist.
Skin Contact	Wash skin thoroughly with soap and water or use an approved skin cleanser. Do not use organic solvents. Continue to rinse for at least 10 minutes. Take off contaminated clothing and wash it before reuse. Get medical attention if symptoms are severe or persist after washing.

European teat	
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
Most important symptoms and	effects, both acute and delayed
Inhalation	Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract. Gas or vapor in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. May cause sensitisation by skin contact.
Eye contact	Risk of serious damage to eyes.
Indication of immediate medicate	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Dry chemicals. Foam. Water spray.
Special hazards arising from the	ne substance or mixture
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO2). Toxic gases or vapors.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and disperse vapors.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
6. Accidental release measure	S
Personal precautions, protecti	ve equipment and emergency procedures
Personal precautions	Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate.
Environmental precautions	
Environmental precautions	Avoid discharge to the aquatic environment.
Methods and material for cont	ainment and cleaning up
Methods for cleaning up	Stop leak if safe to do so. Eliminate all sources of ignition. Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Reference to other sections	For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Handle all packages and containers carefully to minimize spills. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene	Provide eyewash station. Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store at room temperature. Keep container tightly sealed when not in use.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.
8. Exposure controls/Persona	Il protection
Ingredient comments	No exposure limits known for ingredient(s).
Exposure controls	
Protective equipment	
Appropriate engineering controls	Provide adequate general and local exhaust ventilation.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield.
Hand protection	It is recommended that chemical-resistant, impervious gloves are worn.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Provide eyewash station. Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.
9. Physical and chemical prop	perties
Information on basic physical	and chemical properties
Appearance	Liquid.
Color	Clear.
Odor	Mild.
Odor threshold	No specific test data are available.
рН	No specific test data are available.
Melting point	No specific test data are available.
Initial boiling point and range	No specific test data are available.
Flash point	> 251°C
Evaporation rate	< BuAc
Upper/lower flammability or explosive limits	No specific test data are available.

Vapor pressure No specific test data are available.

Vapor density	> 1
Relative density	No specific test data are available.
Solubility(ies)	Insoluble in water.
Partition coefficient	No specific test data are available.
Auto-ignition temperature	No specific test data are available.
Decomposition Temperature	No specific test data are available.
Viscosity	No specific test data are available.
Other information	None.
10. Stability and reactivity	
Reactivity	The following materials may react with the product: Oxidizing agents. Acids. Alkalis.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
Materials to avoid	Oxidizing agents. Acids. Alkalis.
Hazardous decomposition	Thermal decomposition or combustion products may include the following substances:
products	Carbon monoxide (CO). Carbon dioxide (CO2).
-	
products	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal ATE dermal (mg/kg) Acute toxicity - inhalation	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal ATE dermal (mg/kg) Acute toxicity - inhalation ATE inhalation (gases ppm)	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal ATE dermal (mg/kg) Acute toxicity - inhalation ATE inhalation (gases ppm) ATE inhalation (dusts/mists	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal ATE dermal (mg/kg) Acute toxicity - inhalation ATE inhalation (gases ppm) ATE inhalation (dusts/mists mg/l)	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal ATE dermal (mg/kg) Acute toxicity - inhalation ATE inhalation (gases ppm) ATE inhalation (dusts/mists mg/l) Inhalation	Carbon monoxide (CO). Carbon dioxide (CO2).
products 11. Toxicological information Information on toxicological eff Acute toxicity - oral ATE oral (mg/kg) Acute toxicity - dermal ATE dermal (mg/kg) Acute toxicity - inhalation ATE inhalation (gases ppm) ATE inhalation (dusts/mists mg/l) Inhalation Inhalation Inhalation	Carbon monoxide (CO). Carbon dioxide (CO2).

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity Acute toxicity - fish	Not available.
Persistence and degradability	
Persistence and degradability	No data available.
Bioaccumulative potential	
Bio-Accumulative Potential	No data available on bioaccumulation.
Partition coefficient	No specific test data are available.
Mobility in soil	
Mobility	No data available.
Other adverse effects	
Other adverse effects	Not known.
13. Disposal considerations	
Waste treatment methods	
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
14. Transport information	
UN Number	
UN No. (TDG)	3082
	3082 3082
UN No. (TDG)	
UN No. (TDG) UN No. (IMDG)	3082
UN No. (TDG) UN No. (IMDG) UN No. (ICAO)	3082 3082
UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (DOT)	3082 3082
UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (DOT) UN proper shipping name	3082 3082 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)
UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (DOT) <u>UN proper shipping name</u> Proper shipping name (TDG)	3082 3082 3082 BNVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy
UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (DOT) <u>UN proper shipping name</u> Proper shipping name (TDG) Proper shipping name (IMDG)	3082 3082 3082 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy
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UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (DOT) <u>UN proper shipping name</u> Proper shipping name (TDG) Proper shipping name (IMDG) Proper shipping name (ICAO) Proper shipping name (DOT)	3082 3082 3082 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy
UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (ICAO) UN No. (DOT) <u>UN proper shipping name</u> Proper shipping name (TDG) Proper shipping name (IMDG) Proper shipping name (ICAO) Proper shipping name (DOT)	3082 3082 3082 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)
UN No. (TDG) UN No. (IMDG) UN No. (ICAO) UN No. (ICAO) UN No. (DOT) <u>UN proper shipping name</u> Proper shipping name (TDG) Proper shipping name (IMDG) Proper shipping name (ICAO) Proper shipping name (DOT) <u>Transport hazard class(es)</u> TDG class	3082 3082 3082 RNVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

Transport labels



Packing group

TDG Packing Group	III
IMDG packing group	III
ICAO packing group	III
DOT packing group	III

Environmental hazards

Environmentally Hazardous Substance



Special precautions for user

EmS F-A, S-F

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information	
Regulatory References	Proprietary information protected pursuant to WTO's Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS), Section 7, Art. 39.

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA) None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-I) None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-II) None of the ingredients are listed.

Massachusetts "Right To Know" List None of the ingredients are listed.

Rhode Island "Right To Know" List None of the ingredients are listed.

Minnesota "Right To Know" List None of the ingredients are listed.

New Jersey "Right To Know" List None of the ingredients are listed.

Pennsylvania "Right To Know" List None of the ingredients are listed.

Inventories

EU - EINECS/ELINCS Some of the ingredients are listed or exempt.

Canada - DSL/NDSL All the ingredients are listed or exempt.

US - TSCA All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification None of the ingredients are listed.

Australia - AICS All the ingredients are listed or exempt.

Japan - ENCS Some of the ingredients are listed or exempt.

Korea - KECI All the ingredients are listed or exempt.

China - IECSC All the ingredients are listed or exempt.

Philippines - PICCS

All the ingredients are listed or exempt.

16. Other information

Revision date	3/8/2021
Revision	2
Supersedes date	10/30/2015

Hazard statements in full	 H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled.
	H332 Harmful if inhaled. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



SAFETY DATA SHEET EPO-TEK® 310M-2 Part B

1. Identification	
Product identifier	
Product name	EPO-TEK® 310M-2 Part B
Product number	310M-2/B
Recommended use of the che	mical and restrictions on use
Application	Adhesive.
Uses advised against	Use only for intended applications.
Details of the supplier of the safety data sheet	
Supplier	Epoxy Technology, Inc. 14 Fortune Drive Billerica, MA 01821 USA (978) 667-3805 (978) 663-9782 www.epotek.com, SDS@epotek.com
Manufacturer	Epoxy Technology, Inc. 14 Fortune Drive Billerica, MA 01821 USA (978) 667-3805 (978) 663-9782 www.epotek.com, SDS@epotek.com
Emergency telephone number	<u>r</u>
Emergency telephone	ChemTel: +1 (800) 255-3924, +1 (813) 248-0585
2. Hazard(s) identification	
Classification of the substance	e or mixture
Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318 Skin Sens. 1 - H317
Environmental hazards	Not Classified
Label elements	
Hazard symbols	
Signal word	Danger
Hazard statements	H318 Causes serious eye damage. H317 May cause an allergic skin reaction.

P30 P30 P30 Iens P33 P36	 Wear protective gloves/ protective clothing/ eye protection/ face protection. P352 If on skin: Wash with plenty of water. P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact ese, if present and easy to do. Continue rinsing. P313 If skin irritation or rash occurs: Get medical advice/ attention. P364 Take off contaminated clothing and wash it before reuse. Dispose of contents/ container in accordance with national regulations.
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3. Composition/information on ingredients

Mixtures	
Curing Agent	10-30%
CAS number: Proprietary	
Classification	
Acute Tox. 4 - H312	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Chronic 3 - H412	
The full text for all hazard state	ements is displayed in Section 16.
4. First-aid measures	
Description of first aid measure	es
Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
Most important symptoms and	effects, both acute and delayed
Inhalation	Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause an allergic skin reaction. May cause sensitisation by skin contact.
Eye contact	Causes serious eye damage.
Indication of immediate medic	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Extinguish with the following media: Dry chemicals. Foam. Carbon dioxide (CO2).

Special hazards arising from the substance or mixture

controls

EPO-TEK® 310M-2 Part B

Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
6. Accidental release measure	S
Personal precautions, protecti	ve equipment and emergency procedures
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	
Environmental precautions	Avoid release to the environment.
Methods and material for cont	ainment and cleaning up
Methods for cleaning up	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
Reference to other sections	For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Handle all packages and containers carefully to minimize spills. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.
Advice on general occupational hygiene	Provide eyewash station. Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store at room temperature. Keep container tightly sealed when not in use.
Storage class	Chemical storage.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.
8. Exposure controls/Personal protection	
Ingredient comments	No exposure limits known for ingredient(s).
Exposure controls	
Protective equipment	
Appropriate engineering	Provide adequate general and local exhaust ventilation.

Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield.
Hand protection	It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
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.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Clear.
Odor	Slight.
Odor threshold	No specific test data are available.
рН	No specific test data are available.
Melting point	No specific test data are available.
Initial boiling point and range	No specific test data are available.
Flash point	>93°C
Evaporation rate	<buac< th=""></buac<>
Flammability (solid, gas)	No specific test data are available.
Upper/lower flammability or explosive limits	No specific test data are available.
Vapor pressure	No specific test data are available.
Vapor density	>1
Relative density	No specific test data are available.
Solubility(ies)	Slightly soluble in water.
Partition coefficient	No specific test data are available.
Auto-ignition temperature	No specific test data are available.
Decomposition Temperature	No specific test data are available.
Viscosity	No specific test data are available.
Other information	None.
10. Stability and reactivity	

Reactivity	The following materials may react with the product: Strong oxidizing agents. Strong reducing agents.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen.
11. Toxicological information	
Information on toxicological eff	fects
Acute toxicity - dermal ATE dermal (mg/kg)	4,400.0
Inhalation	Gas or vapor in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin Contact	May cause an allergic skin reaction. May cause sensitisation by skin contact.
Eye contact	Causes serious eye damage.
12. Ecological information	
Acute aquatic toxicity Acute toxicity - fish	Not available.
Persistence and degradability	
Persistence and degradability	No data available.
Bioaccumulative potential	
Bio-Accumulative Potential	No data available on bioaccumulation.
Partition coefficient	No specific test data are available.
<u>Mobility in soil</u> Mobility	The product has poor water-solubility.
Other adverse effects	
Other adverse effects	Not known.
13. Disposal considerations	
Waste treatment methods	
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
14. Transport information	

UN NumberUN No. (International)Not applicable.UN No. (DOT)Not applicable.UN proper shipping name (International)Not applicable.Proper shipping name (DOT)Not applicable.Proper shipping name (DOT)Not applicable.Transport hazard class(es) (International)Not ansport warning sign required.DOT transport labels No transport warning sign required.Not ansport warning sign required.Packing groupPacking group	
UN No. (DOT)Not applicable.UN proper shipping name (International)Not applicable.Proper shipping name (DOT)Not applicable.Irransport hazard class(es) Transport Labels (International)Not ransport warning sign required.DOT transport labels No transport warning sign required.Not ransport warning sign required.	
UN proper shipping name Not applicable. Proper shipping name (DOT) Not applicable. Proper shipping name (DOT) Not applicable. Transport hazard class(es) Not ransport warning sign required. DOT transport labels No transport warning sign required. No transport warning sign required. Not manual sign required.	
Proper shipping name (International) Not applicable. Proper shipping name (DOT) Not applicable. Transport hazard class(es) Not ransport warning sign required. Transport Labels (International) No transport warning sign required. DOT transport labels No transport warning sign required. No transport warning sign required.	
(International) Proper shipping name (DOT) Not applicable. Transport hazard class(es) Transport Labels No transport warning sign required. (International) DOT transport labels No transport warning sign required.	
Transport hazard class(es) Transport Labels No transport warning sign required. (International) DOT transport labels No transport warning sign required.	
Transport Labels No transport warning sign required. (International) DOT transport labels No transport warning sign required.	
(International) DOT transport labels No transport warning sign required.	
No transport warning sign required.	
Packing group	
Packing group (International) Not applicable.	
DOT packing group Not applicable.	
Environmental hazards	
Environmentally Hazardous Substance No.	
Special precautions for user	
Not applicable.	
DOT reportable quantity Not applicable.	
DOT TIH Zone Not applicable.	
Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code	
15. Regulatory information	

Regulatory ReferencesProprietary information protected pursuant to WTO's Agreement on Trade-Related Aspects of
Intellectual Property Rights (TRIPS), Section 7, Art. 39.

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

OSHA Highly Hazardous Chemicals None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-I) None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-II) None of the ingredients are listed.

Massachusetts "Right To Know" List The following ingredients are listed:

Curing Agent

Rhode Island "Right To Know" List None of the ingredients are listed.

Minnesota "Right To Know" List None of the ingredients are listed.

New Jersey "Right To Know" List The following ingredients are listed:

Curing Agent

Pennsylvania "Right To Know" List The following ingredients are listed:

Curing Agent

Inventories

EU - EINECS/ELINCS Some of the ingredients are listed or exempt.

Canada - DSL/NDSL All the ingredients are listed or exempt.

US - TSCA All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification None of the ingredients are listed.

Australia - AICS All the ingredients are listed or exempt.

Japan - ENCS Some of the ingredients are listed or exempt.

Korea - KECI All the ingredients are listed or exempt.

China - IECSC

All the ingredients are listed or exempt.

Philippines - PICCS

Some of the ingredients are listed or exempt.

16. Other information	
Revision date	3/8/2021
Revision	2
Supersedes date	10/30/2015
Hazard statements in full	H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.