# **SAFETY DATA SHEET**

GP3504A01

Section 1. Identification				
Product name	: Resuprime™ 3504 High Solids Primer/Sealer (Part A) Clear			
Product code	: GP3504A01			
Other means of identification	: Not available.			
Product type	: Liquid.			
Relevant identified uses of t	he substance or mixture and uses advised against			
Paint or paint related material.				
Supplier	: Compania Sherwin-Williams S.A. de C.V. Poniente 140 No.595 Col. Industrial Vallejo, Del. Azcapotzalco C.P. 02300, Ciudad de México, México			
Emergency telephone number of the company	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year			
Product Information Telephone Number	: US / Canada: 1-800-524-5979 Mexico: Not Available			
Regulatory Information Telephone Number	: US / Canada: (216) 566-2902 Mexico: Not Available			
Transportation Emergency Telephone Number	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year			

## Section 2. Hazards identification

Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2</li> </ul>
	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 6%
GHS label elements	
Hazard pictograms	
Signal word	: Danger

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## Section 2. Hazards identification

Hazard statements Precautionary statements	<ul> <li>H225 - Highly flammable liquid and vapor.</li> <li>H315 - Causes skin irritation.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H319 - Causes serious eye irritation.</li> <li>H335 - May cause respiratory irritation.</li> <li>H336 - May cause drowsiness or dizziness.</li> <li>H373 - May cause damage to organs through prolonged or repeated exposure.</li> </ul>
Prevention	: P280 - Wear protective gloves, protective clothing and eye or face protection.
	<ul> <li>P200 - Weat protective gloves, protective domining and eye of face protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P241 - Use explosion-proof electrical, ventilating or lighting equipment.</li> <li>P242 - Use non-sparking tools.</li> <li>P243 - Take action to prevent static discharges.</li> <li>P271 - Use only outdoors or in a well-ventilated area.</li> <li>P260 - Do not breathe vapor.</li> <li>P264 - Wash thoroughly after handling.</li> <li>P272 - Contaminated work clothing must not be allowed out of the workplace.</li> </ul>
Response	<ul> <li>P314 - Get medical advice or attention if you feel unwell.</li> <li>P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.</li> <li>P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</li> <li>P363 - Wash contaminated clothing before reuse.</li> <li>P302 + P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.</li> <li>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P337 + P313 - If eye irritation persists: Get medical advice or attention.</li> </ul>
Storage	<ul> <li>P405 - Store locked up.</li> <li>P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.</li> <li>P403 + P235 - Keep cool.</li> </ul>
Disposal	<ul> <li>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Supplemental label elements	DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.
	Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
Hazards not otherwise classified	: None known.

## Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of	: Not available.
identification	

#### CAS number/other identifiers

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### Section 3. Composition/information on ingredients

Ingredient name	% by weight	CAS number
Epoxy Polymer	≥50 - ≤75	1675-54-3
Acetone	≥10 - ≤25	67-64-1
2-Propanol	≤10	67-63-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### **Description of necessary first aid measures** Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Skin contact : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Wash out mouth with water. Remove dentures if any. If material has been swallowed Ingestion and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effect	
Eye contact	: Causes serious eye irritation.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: Can cause central nervous system (CNS) depression.
Over-exposure signs/sympt	oms
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness

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### Section 4. First aid measures

Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters Remark	<ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</li> <li>Flammable liquid.</li> </ul>
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### Section 6. Accidental release measures

Personal precautions, protect	tive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ntainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### Section 7. Handling and storage

Precautions for safe handling	
Protective measures :	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

Conditions for safe storage,	: Store in accordance with local regulations. Store in a segregated and approved area.
including any	Store in original container protected from direct sunlight in a dry, cool and well-ventilated
incompatibilities	area, away from incompatible materials (see Section 10) and food and drink. Store
	locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep
	container tightly closed and sealed until ready for use. Containers that have been
	opened must be carefully resealed and kept upright to prevent leakage. Do not store in
	unlabeled containers. Use appropriate containment to avoid environmental
	contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

#### **Control parameters**

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Epoxy Polymer Acetone	1675-54-3 67-64-1	None. ACGIH TLV (United States, 1/2023). TWA: 250 ppm 8 hours. STEL: 500 ppm 15 minutes. NIOSH REL (United States, 10/2020). TWA: 250 ppm 10 hours. TWA: 590 mg/m <sup>3</sup> 10 hours. OSHA PEL (United States, 5/2018). TWA: 1000 ppm 8 hours. TWA: 2400 mg/m <sup>3</sup> 8 hours.
2-Propanol	67-63-0	ACGIH TLV (United States, 1/2023). TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes. NIOSH REL (United States, 10/2020). TWA: 400 ppm 10 hours. TWA: 980 mg/m <sup>3</sup> 10 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m <sup>3</sup> 15 minutes. OSHA PEL (United States, 5/2018). TWA: 400 ppm 8 hours. TWA: 980 mg/m <sup>3</sup> 8 hours.

#### Occupational exposure limits (Canada)

Ingredient name	)	CAS #	Exposure limits		
acetone		67-64-1	8 hrs OEL: 1200 15 min OEL: 180 8 hrs OEL: 500 p 15 min OEL: 750 <b>CA British Colum</b> <b>6/2022).</b> TWA: 250 ppm 8 STEL: 500 ppm <b>CA Ontario Prov</b> TWA: 250 ppm 8 STEL: 500 ppm <b>CA Quebec Prov</b> TWAEV: 250 pp STEV: 500 ppm	20 mg/m <sup>3</sup> 15 minutes. ppm 8 hours. D ppm 15 minutes. <b>mbia Provincial (Canada</b> 8 hours. 15 minutes. <b>incial (Canada, 6/2019).</b> 8 hours. 15 minutes. <b>vincial (Canada, 6/2022).</b> m 8 hours. 15 minutes. <b>an Provincial (Canada,</b>	a,
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## Section 8. Exposure controls/personal protection

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		TWA: 500 ppm 8 hours.
Isopropyl alcohol	67-63-0	CA Alberta Provincial (Canada, 6/2018).
		15 min OEL: 984 mg/m <sup>3</sup> 15 minutes.
		8 hrs OEL: 200 ppm 8 hours.
		15 min OEL: 400 ppm 15 minutes.
		8 hrs OEL: 492 mg/m <sup>3</sup> 8 hours.
		CA British Columbia Provincial (Canada,
		6/2022).
		TWA: 200 ppm 8 hours.
		STEL: 400 ppm 15 minutes.
		CA Ontario Provincial (Canada, 6/2019).
		TWA: 200 ppm 8 hours.
		STEL: 400 ppm 15 minutes.
		CA Quebec Provincial (Canada, 6/2022).
		TWAEV: 200 ppm 8 hours.
		STEV: 400 ppm 15 minutes.
		CA Saskatchewan Provincial (Canada,
		7/2013).
		STEL: 400 ppm 15 minutes.
		TWA: 200 ppm 8 hours.
		•••

#### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Acetone	67-64-1	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 500 ppm 8 hours. STEL: 750 ppm 15 minutes.
2-Propanol	67-63-0	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes.

#### **Biological exposure indices (United States)**

Ingredient name	Exposure indices
Acetone	ACGIH BEI (United States, 1/2023) BEI: 25 mg/l, acetone [in urine]. Sampling time: end of shift.
2-Propanol	<b>ACGIH BEI (United States, 1/2023)</b> BEI: 40 mg/l, acetone [in urine]. Sampling time: end of shift at end of workweek.

#### **Biological exposure indices (Canada)**

No exposure indices known.

#### **Biological exposure indices (Mexico)**

Ingredient	name			Exposure ind	ices	
Acetone				047-SSA1-201 Biological exp occupationall substances. ( BEI: 50 mg/L is nonspecific, exposure to ot	an STANDARD NOW 1, Environmental He posure indices for po y exposed to chemic Mexico, 6/2012) [non-specific.The det since it can be found her chemicals.], aceto ng time: at the end of	ealth- ersonnel cal erminant after one [in
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## Section 8. Exposure controls/personal protection

2-Propanol		Official Mexican STANDARD NOM- 047-SSA1-2011, Environmental Health- Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) BEI: 40 mg/L [non-specific.The determinant is nonspecific, since it can be found after exposure to other chemicals.], acetone [in urine]. Sampling time: at the end of the shift at the end of the work week.
Appropriate engineering controls	other engineering controls to keep we recommended or statutory limits. Th	Use process enclosures, local exhaust ventilation or orker exposure to airborne contaminants below any le engineering controls also need to keep gas, any lower explosive limits. Use explosion-proof
Environmental exposure controls	they comply with the requirements of	rocess equipment should be checked to ensure environmental protection legislation. In some ineering modifications to the process equipment s to acceptable levels.
Individual protection meas	<u>es</u>	
Hygiene measures	eating, smoking and using the lavato Appropriate techniques should be us Contaminated work clothing should r	roughly after handling chemical products, before ry and at the end of the working period. ed to remove potentially contaminated clothing. not be allowed out of the workplace. Wash g. Ensure that eyewash stations and safety location.
Eye/face protection	assessment indicates this is necessa gases or dusts. If contact is possible	oproved standard should be used when a risk ary to avoid exposure to liquid splashes, mists, e, the following protection should be worn, unless egree of protection: chemical splash goggles.
Skin protection	-	
Hand protection	worn at all times when handling chen necessary. Considering the paramet during use that the gloves are still ret noted that the time to breakthrough f	es complying with an approved standard should be nical products if a risk assessment indicates this is ters specified by the glove manufacturer, check taining their protective properties. It should be or any glove material may be different for different mixtures, consisting of several substances, the be accurately estimated.
Body protection	performed and the risks involved and handling this product. When there is	e body should be selected based on the task being d should be approved by a specialist before a risk of ignition from static electricity, wear anti- eatest protection from static discharges, clothing bots and gloves.
Other skin protection		anal skin protection measures should be selected and the risks involved and should be approved by a ct.
Respiratory protection	appropriate standard or certification.	or exposure, select a respirator that meets the Respirators must be used according to a sure proper fitting, training, and other important

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: 55°C (131°F)
Flash point	: Closed cup: 9°C (48.2°F) [Pensky-Martens Closed Cup]
Evaporation rate	: 5.6 (butyl acetate = 1)
Flammability	: Flammable liquid.
Lower and upper explosion limit/flammability limit	: Lower: 2% Upper: 12.8%
Vapor pressure	: 24 kPa (180 mm Hg)
Relative vapor density	: 2 [Air = 1]
Relative density	: 1.03

Media		Result	
cold water		Not soluble	
Partition coefficient: n- octanol/water	: Not	applicable.	
Auto-ignition temperature	: Not available.		
Decomposition temperature	Not available.		
Viscosity	: Kin	ematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt)	
Molecular weight	: Not applicable.		
Heat of combustion	: 7.56	32 kJ/g	

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials

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### Section 10. Stability and reactivity

## Hazardous decomposition products

 On : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Epoxy Polymer	LD50 Dermal	Rabbit	20 g/kg	-
Acetone	LD50 Oral	Rat	5800 mg/kg	-
2-Propanol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Epoxy Polymer	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
	-			mg	
	Skin - Mild irritant	Rabbit	-	500 mg	-
Acetone	Eyes - Mild irritant	Human	-	186300 ppm	-
	Eyes - Mild irritant	Rabbit	-	10 uL	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Rabbit	-	395 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
2-Propanol	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-

#### Sensitization

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Epoxy Polymer 2-Propanol	-	3 3	-

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

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## Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
Acetone	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
2-Propanol	Category 3	-	Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
Acetone	Category 2	-	-

#### Aspiration hazard

Not available.

Information on the likely routes of exposure	1	Not available.					
Potential acute health effe	cts						
Eye contact	:	Causes serious eye irritation.					
Inhalation	1	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.					
Skin contact	:	Causes skin irritation. May cause an allergic skin reaction.					
Ingestion	:	an cause central nervous system (CNS) depression.					
Symptoms related to the p	<u>ohy</u>	sical, chemical and toxicological characteristics					
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness					
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness					
Skin contact	:	Adverse symptoms may include the following: irritation redness					
Ingestion	:	No specific data.					
Delayed and immediate ef	fec	ts and also chronic effects from short and long term exposure					
Short term exposure							
Potential immediate effects	:	Not available.					
Potential delayed effects	:	Not available.					
Long term exposure							
Potential immediate effects	:	Not available.					
Potential delayed effects	:	Not available.					
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## Section 11. Toxicological information

#### Potential chronic health effects

Not available.

General	: May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

#### Numerical measures of toxicity

Acute toxicity estimates					
Route	ATE value				
Oral	83333.68 mg/kg				

## Section 12. Ecological information

<u>Toxicity</u>						
Product/ingredient name	Result	Species	Exposure			
Acetone	Acute EC50 7200000 µg/l Fresh water	Algae - Selenastrum sp.	96 hours			
	Acute EC50 23.5 mg/l Fresh water	Daphnia - Daphnia magna	48 hours			
	Acute LC50 4.42589 ml/L Marine water	Crustaceans - Acartia tonsa - Copepodid	48 hours			
	Acute LC50 5600 ppm Fresh water	Fish - Poecilia reticulata	96 hours			
	Chronic NOEC 4.95 mg/l Marine water	Algae - Ulva pertusa	96 hours			
	Chronic NOEC 0.016 ml/L Fresh water	Crustaceans - Daphniidae	21 days			
	Chronic NOEC 0.1 ml/L Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	21 days			
	Chronic NOEC 5 µg/l Marine water	Fish - <i>Gasterosteus aculeatus</i> - Larvae	42 days			
2-Propanol	Acute EC50 7550 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours			
	Acute LC50 1400000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours			
	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours			

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Acetone 2-Propanol	-	-	Readily Readily

#### **Bioaccumulative potential**

Not available.

#### Mobility in soil

## Soil/water partition coefficient (Koc)

: Not available.

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**Other adverse effects** 

: No known significant effects or critical hazards.

### Section 13. Disposal considerations

Disposal methods
 The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT. Marine pollutant (Epoxy Polymer)
Transport hazard class(es)	3	3	3	3	
Packing group	11	П	П	11	П
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	-		-	The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. <u>Emergency</u> <u>schedules</u> F-E, S- E
	ERG No.	ERG No.	ERG No.		
	128	128	128		
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Section 14. Transp	port information	-		
Special precautions for user	: Multi-modal shipping descri consider container sizes. Th mode of transport (sea, air, suitably for that mode of tra to shipment, and complianc of the person offering the pi dangerous goods must be t and on all actions in case of	e presence of a ship etc.), does not indicansport. All packaging e with the applicable oduct for transport. F rained on all of the ris	ping description for ate that the product is must be reviewed for regulations is the so People loading and u sks deriving from the	a particular s packaged or suitability prior le responsibility nloading
Transport in bulk according to IMO instruments	: Not available.			
	Proper shipping name	: Not available.		

### Section 15. Regulatory information

	Internat	ional	regul	<u>ations</u>
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**Montreal Protocol** 

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants Not listed.

International lists : Australia inventory (AIIC): Not determined. China inventory (IECSC): Not determined. Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. Korea inventory (KECI): Not determined. New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines inventory (PICCS): Not determined. Taiwan Chemical Substances Inventory (TCSI): Not determined. Thailand inventory: Not determined. Turkey inventory: Not determined. Vietnam inventory: Not determined.

### Section 16. Other information

#### Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

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### Section 16. Other information

	Classification		
	Justification		
FLAMMABLE LIQUIDS - Ca	On basis of test data		
SKIN CORROSION/IRRITA	Calculation method		
SERIOUS EYE DAMAGE/	Calculation method		
SKIN SENSITIZATION - Ca	Calculation method		
irritation) - Category 3	N TOXICITY (SINGLE EXPOSURE) (Respiratory tract	Calculation method	
SPECIFIC TARGET ORGA	Calculation method		
SPECIFIC TARGET ORGA	Calculation method		
<u>History</u>			
Date of printing			
Date of issue/Date of			
revision			
Date of previous issue			
Version			
Key to abbreviations       : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 197 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations			

**V** Indicates information that has changed from previously issued version.

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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