

# **SAFETY DATA SHEET**

OptiBond® All-In-One

### Section 1. Identification

GHS product identifier	: OptiBond® All-In-One
Other means of identification	: Not available.
Product type	: Liquid.
Relevant identified uses of	the substance or mixture and uses advised against
Product use	: Dental product: Bonding agent
Area of application	: Professional applications.
Manufacturer	: Kerr Corporation 1717 West Collins Avenue Orange, CA 92867-5422 Telephone no.: 1-800-KERR-123
e-mail address of person responsible for this SDS	: edwin.varela@kavokerrgroup.com
Emergency telephone number (with hours of operation)	: CHEMTREC® (24 hours) U.S. : 1-800-424-9300 International: +1-703-527-3887

## Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	Health effects are based on the uncured material.
Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 2 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 28.2%</li> </ul>
GHS label elements Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>Highly flammable liquid and vapor. Causes serious eye irritation. Causes skin irritation. May cause drowsiness and dizziness. May cause damage to organs through prolonged or repeated exposure.</li> </ul>
Precautionary statements	

Date of issue/Date of revision	:02/26/2015	Date of previous issue	: No previous validation	Version	:1	1/13

## Section 2. Hazards identification

Prevention	: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash hands thoroughly after handling.
Response	: Get medical attention if you feel unwell. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	<ul> <li>Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Supplemental label elements	: Avoid contact with skin and clothing. Wash thoroughly after handling.
Hazards not otherwise classified	: Defatting to the skin. Prolonged or repeated contact may dry skin and cause irritation.

### Section 3. Composition/information on ingredients

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

#### **CAS number/other identifiers**

	<ul><li>Not applicable.</li><li>Not available.</li></ul>			
Ingredient name		Other names	%	CAS number
acetone 2-hydroxyethyl methacrylate ethanol 2-hydroxy-1,3-propanediyl bisme	ethacrylate	acetone 2-hydroxyethyl methacrylate ethanol 2-hydroxy-1,3-propanediyl bismethacrylate	30-60 5-10 5-10 1-5	67-64-1 868-77-9 64-17-5 1830-78-0

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 as hazardous to health and hence require reporting in this section.

### Section 4. First aid measures

Description of necessary f	irst aid measures
Eye contact	<ul> <li>No special measures are required. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.</li> </ul>
Inhalation	<ul> <li>No special measures required. If inhaled, remove to fresh air. Get medical attention if symptoms occur.</li> </ul>
Skin contact	<ul> <li>No special measures required. In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur.</li> </ul>
Ingestion	: Wash out mouth with water. If material has been swallowed 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. Get medical attention if adverse health effects persist or are severe.
Date of issue/Date of revision	: 02/26/2015 Date of previous issue : No previous validation Version : 1 2/13

**United States** 

## Section 4. First aid measures

Most important symptoms/	effects, acute and delayed
Potential acute health effe	<u>cts</u>
Eye contact	: Causes serious eye irritation.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.
Skin contact	: Causes skin irritation. Defatting to the skin.
Ingestion	: Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.
Over-exposure signs/sym	<u>otoms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
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	: In case of major fire and large quantities: 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. If may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide phosphorus oxides metal oxide/oxides

3/13

### Section 5. Fire-fighting measures

Special protective actions for fire-fighters	: In case of major fire and large quantities: 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	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures			
For non-emergency personnel	:	Low release. For professional use only. Handling of product in very small amounts or in situations where release is highly unlikely	
For emergency responders	;	Low release. See also the information in "For non-emergency personnel".	
Environmental precautions	:	Low release. 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 containment and cleaning up

Small spill	:	Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.
Large spill	:	Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.

### Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	: No special measures are required for small quantities under normal and intended conditions of product use. For professional use only. Put on appropriate personal protective equipment (see Section 8). Handle with care and dispose in a safe manner.
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.
Conditions for safe storage, including any incompatibilities	: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated 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.

### Section 8. Exposure controls/personal protection

**Control parameters** 

**Occupational exposure limits** 

4/13

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
acetone	ACGIH TLV (United States, 4/2014).
	TWA: 500 ppm 8 hours.
	TWA: 1188 mg/m <sup>3</sup> 8 hours.
	STEL: 750 ppm 15 minutes.
	STEL: 1782 mg/m <sup>3</sup> 15 minutes.
	OSHA PEL 1989 (United States, 3/1989).
	TWA: 750 ppm 8 hours.
	TWA: 1800 mg/m <sup>3</sup> 8 hours.
	STEL: 1000 ppm 15 minutes.
	STEL: 2400 mg/m <sup>3</sup> 15 minutes.
	NIOSH REL (United States, 10/2013).
	TWA: 250 ppm 10 hours.
	TWA: 590 mg/m <sup>3</sup> 10 hours.
	OSHA PEL (United States, 2/2013).
	TWA: 1000 ppm 8 hours.
	TWA: 2400 mg/m <sup>3</sup> 8 hours.
ethanol	ACGIH TLV (United States, 4/2014).
	STEL: 1000 ppm 15 minutes.
	OSHA PEL 1989 (United States, 3/1989).
	TWA: 1000 ppm 8 hours.
	TWA: 1900 mg/m <sup>3</sup> 8 hours.
	NIOSH REL (United States, 10/2013).
	TWA: 1000 ppm 10 hours.
	TWA: 1900 mg/m <sup>3</sup> 10 hours.
	OSHA PEL (United States, 2/2013).
	TWA: 1000 ppm 8 hours.
	TWA: 1900 mg/m <sup>3</sup> 8 hours.

Appropriate engineering controls	<ul> <li>No special measures are required for small quantities under normal and intended conditions of product use.</li> </ul>
Environmental exposure controls	: No special measures are required for small quantities under normal and intended conditions of product use.
Individual protection meas	<u>lres</u>
Hygiene measures	<ul> <li>No special measures are required for small quantities under normal and intended conditions of product use.</li> </ul>
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	<ul> <li>No special measures are required for small quantities under normal and intended conditions of product use.</li> </ul>
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	: No special measures are required for small quantities under normal and intended conditions of product use.
Date of issue/Date of revision	: 02/26/2015 Date of previous issue : No previous validation Version : 1 5/13

### Section 9. Physical and chemical properties

Appearance		
Physical state	Liquid. [Viscous (Slight)]	
Color	Yellow. [Light]	
Odor	Fruity. / Ketone.	
Odor threshold	Not available.	
рН	Not available.	
Melting point	Not available.	
Boiling point	Not available.	
Flash point	Closed cup: <12.78°C (<55°F)	
Evaporation rate	Not available.	
Flammability (solid, gas)	Not applicable.	
Lower and upper explosive	Not available.	
(flammable) limits	Not available.	
Vapor pressure		
Vapor density	Not available. Not available.	
Relative density		
Solubility	Partially soluble in the following materials: cold water and hot water.	
Solubility in water	Not available.	
Partition coefficient: n- octanol/water	Not available.	
Auto-ignition temperature	Not available.	
<b>Decomposition temperature</b>	Not available.	
SADT	Not available.	
Viscosity	Not available.	

### 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.
	Under normal conditions of storage and use, hazardous polymerization 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.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### Date of issue/Date of revision

6/13

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
acetone	LC50 Inhalation Vapor	Rat	76 mg/l	4 hours
	LC50 Inhalation Vapor	Rat	30000 ppm	4 hours
	LD50 Dermal	Rabbit	>15800 mg/kg	-
	LD50 Oral	Rat	5800 mg/kg	-
2-hydroxyethyl methacrylate	LD50 Oral	Rat	4230 mg/kg	-
ethanol	LC50 Inhalation Vapor	Rat	124700 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	7 g/kg	-

**Conclusion/Summary** : Based on the criteria of the protocol, this product is considered non-cytotoxic per ISO 10993-5.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
acetone	Eyes - Mild irritant	Rabbit	-	10 microliters	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-
	Eyes - Severe irritant	Rabbit	-	20 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	395 milligrams	-
ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	0.0666666667 minutes 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	100 microliters	-
	Eyes - Severe irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	400 milligrams	-

#### **Sensitization**

Not available.

#### **Conclusion/Summary**

: Kligman score: Grade I (weak sensitizer)

#### Mutagenicity

Not available.

Skin

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
ethanol	-	1	-

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

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

Date of issue/Date of revision	: 02/26/2015	Date of previous issue	: No previous validation	Version	:1	7/13
--------------------------------	--------------	------------------------	--------------------------	---------	----	------

#### **United States**

## Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
acetone	Category 3	Not applicable.	Narcotic effects
2-hydroxyethyl methacrylate	Category 3	Not applicable.	Respiratory tract irritation
ethanol	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
2-hydroxy-1,3-propanediyl bismethacrylate	Category 3	Not applicable.	Respiratory tract irritation

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

Name		Route of exposure	Target organs
ethanol	Category 2	Not determined	liver

#### Aspiration hazard

Not available.

Information on the likely	: Routes of entry anticipated: Oral, Dermal, Inha	lation.
routes of exposure		

Potential	acute	health	effects
	aoato	nountil	0110010

Eye contact	: Causes serious eye irritation.
Inhalation	<ul> <li>Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.</li> </ul>
Skin contact	: Causes skin irritation. Defatting to the skin.
Ingestion	: Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

#### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	

Date of issue/Date of revision : 0	02/26/2015 Date of previous issue	: No previous validation Version	:1 8/13
------------------------------------	-----------------------------------	----------------------------------	---------

## Section 11. Toxicological information

	•
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
General	: May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: 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	21372.9 mg/kg	

### Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
acetone	Acute EC50 20.565 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute LC50 6000000 µg/l Fresh water	Crustaceans - Gammarus pulex	48 hours
	Acute LC50 10000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 100 mg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	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 - Daphnia magna -	21 days
		Neonate	
2-hydroxyethyl methacrylate	Acute LC50 227000 μg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
ethanol	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia	48 hours
	Acute LC50 42000 µg/l Fresh water Chronic NOEC 4.995 mg/l Marine water	Fish - Oncorhynchus mykiss Algae - Ulva pertusa	4 days 96 hours
	Chronic NOEC 0.375 ul/L Fresh water	Fish - Gambusia holbrooki - Larvae	12 weeks

Persistence and degradability

## Section 12. Ecological information

	T					
Product/ingredient name	Test	Result		Dose		Inoculum
acetone 2-hydroxyethyl methacrylate	OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test 301C Ready Biodegradability - Modified MITI Test (I)	90.9 % - 28 92 to 100 %		-		-
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	radability
acetone 2-hydroxyethyl methacrylate ethanol	- - -		- -		Readily Readily Readily	

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
acetone	-0.23		low
2-hydroxyethyl methacrylate	0.42		low
ethanol	-0.35		low

#### Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

### 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.

#### United States - RCRA Toxic hazardous waste "U" List

Ingredient	CAS #		Reference number
Acetone (I); 2-Propanone (I)	67-64-1	Listed	U002

### Section 14. Transport information

DOT Classification	IMDG	ΙΑΤΑ
UN1993	UN1993	UN1993
Flammable liquids, n.o.s. (acetone, ethanol) RQ (acetone)	FLAMMABLE LIQUID, N.O.S. (acetone, ethanol)	Flammable liquid, n.o.s. (acetone, ethanol)
3	3	3
	11	11
	UN1993 Flammable liquids, n.o.s. (acetone, ethanol) RQ (acetone) 3	UN1993 Flammable liquids, n.o.s. (acetone, ethanol) RQ (acetone) 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5

## Section 14. Transport information

Environmental hazards	No.	No.	No.
Additional information	Reportable quantity12594.5 lbs / 5717.9 kgPackage sizes shipped inquantities less than the productreportable quantity are notsubject to the RQ (reportablequantity) transportationrequirements.Limited quantityYes.Packaging instructionPassenger aircraftQuantity limitation: 5 LCargo aircraftQuantity limitation: 60 LSpecial provisionsIB2, T7, TP1, TP8, TP28	Emergency schedules (EmS) F-E, _S-E_ Special provisions 274	Passenger and Cargo AircraftQuantity limitation: 5 LPackaging instructions: 353Cargo Aircraft OnlyQuantitylimitation: 60 LPackaging instructions: 364Limited Quantities -Passenger AircraftQuantitylimitation: 1 LPackaging instructions: Y341Special provisionsA3

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according	1	Not available.
to Annex II of MARPOL		
73/78 and the IBC Code		

## Section 15. Regulatory information

U.S. Federal regulations	: TSCA 8(a) PAIR: mequinol
	Commerce control list precursor: alkali fluorosilicates(Na)
	United States inventory (TSCA 8b): All components are listed or exempted.
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Not listed
Clean Air Act Section 602 Class I Substances	: Not listed
Clean Air Act Section 602 Class II Substances	: Not listed
DEA List I Chemicals (Precursor Chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Listed
<u>SARA 302/304</u>	
Composition/information	on ingredients
No products were found.	
SARA 304 RQ	: Not applicable.
<u>SARA 311/312</u>	
Date of issue/Date of revision	: 02/26/2015 Date of previous issue : No previous validation Version : 1 11/13

### Section 15. Regulatory information

#### Classification

: Fire hazard Immediate (acute) health hazard

Delayed (chronic) health hazard

#### **Composition/information on ingredients**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
acetone 2-hydroxyethyl methacrylate ethanol 2-hydroxy-1,3-propanediyl bismethacrylate	30-60 5-10 5-10 1-5	Yes. No. Yes. No.	No. No. No. No.	No. No. No. No.	Yes. Yes. Yes. Yes.	No. No. Yes. No.

#### **SARA 313**

Not applicable.

#### State regulations

#### Massachusetts

: The following components are listed: ACETONE; ETHYL ALCOHOL

: The following components are listed: Acetone; 2-Propanone

**New Jersey** 

**New York** 

: The following components are listed: ACETONE; 2-PROPANONE; ETHYL ALCOHOL; ALCOHOL

: The following components are listed: 2-PROPANONE; DENATURED ALCOHOL

#### Pennsylvania

#### California Prop. 65

**WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	•	No significant risk level	Maximum acceptable dosage level
methanol	No.	Yes.		23000 μg/day (ingestion) 47000 μg/day (inhalation)

### Section 16. Other information

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



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 are not required on SDSs 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 mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)



## Section 16. Other information

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

<u>History</u>	
Date of issue/Date of revision	: 02/26/2015
Date of previous issue	: No previous validation
Version	: 1
Prepared by	: IHS
Key to abbreviations	<ul> <li>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 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations</li> </ul>
References	: HCS (U.S.A.)- Hazard Communication Standard International transport regulations

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

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.