

Material Name: G100SA White Splicing Cement Product #: 302381

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

G100SA White Splicing Cement

Synonyms

Contact Splicing Adhesive

Chemical Family

Contact Adhesive

Product Use

Contact Cement

Restrictions on Use

For industrial use only.

Manufacturer Information

Versico LLC 1285 Ritner Highway Carlisle, PA 17013 USA

Phone: +1-800-992-7663

Emergency Phone #: +1-800-424-9300 (Chemtrec)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Flammable Liquids - Category 2

Aspiration Hazard - Category 1

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Skin Sensitization - Category 1A

Specific Target Organ Toxicity - Single Exposure - Category 1 (central nervous system)

Specific Target Organ Toxicity - Single Exposure - Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 1 (central nervous system, respiratory system)

GHS Label Elements

Symbol(s)







Signal Word
Danger



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Hazard Statement(s)

Highly flammable liquid and vapor

May be fatal if swallowed and enters airways

Causes skin irritation

Causes serious eye irritation

May cause allergic skin reaction

Causes damage to organs

May cause respiratory irritation. May cause drowsiness or dizziness

Causes damage to organs through prolonged or repeated exposure

Precautionary Statement(s)

Prevention

Keep container tightly closed

Keep away from heat/sparks/open flame/hot surfaces - No smoking

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting equipment

Take precautionary measures against static discharge

Use only non-sparking tools

Use only outdoors or in a well-ventilated area

Wear protective gloves/protective clothing/eye protection/face protection

Do not breathe dust/fume/gas/mist/vapours/spray

Wash thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace

Do not eat, drink or smoke when using this product

Response

In case of fire: Use appropriate media to extinguish

If exposed: Call a POISON CENTER or doctor/physician

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor if you feel unwell

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 advice/attention

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with

water/shower

If skin irritation or rash occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

IF SWALLOWED: Immediately call a POISON CENTER/doctor

Do NOT induce vomiting

Specific treatment (see label)

Storage

Store in a well-ventilated place. Keep container tightly closed

Keep cool

Store locked up

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

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Other Hazards

No additional information available.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent		
Mixture	Isophorone Diisocyanate	1-5		
64742-89-8	Solvent naphtha, petroleum, light aliphatic	7-13		
108-88-3	Toluene			
13463-67-7	Titanium dioxide	0.1-1		
Mixture	ure Silicon adsorbent mixture			
Silica, amorphous, precipitated and gel		1-5		
1314-13-2	Zinc oxide			
Trade Secret	0.1-1			

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

If exposed or concerned: Call a POISON CENTER or doctor/physician.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs, seek medical advice/attention.

Eves

Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

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Most Important Symptoms/Effects

Acute

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause allergic skin reaction. Causes damage to central nervous system. May cause respiratory irritation. May cause drowsiness or dizziness.

Delayed

May cause damage to organs through prolonged or repeated exposure: central nervous system, respiratory system.

Note to Physicians

Contains toluene, heptane.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Dry chemical, foam or carbon dioxide. Water may be ineffective.

Unsuitable Extinguishing Media

Do not use high-pressure water streams.

Special Hazards Arising from the Chemical

Highly flammable liquid and vapor. May explode if heated in closed container. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback.

Hazardous Combustion Products

Oxides of carbon, oxides of nitrogen

Advice for firefighters

Empty containers may contain product residue. Vapors can ignite explosively.

Fire Fighting Measures

Eliminate all ignition sources if safe to do so. Ground/Bond container and receiving equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid inhalation of material or combustion by-products.

Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

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Methods and Materials for Containment and Cleaning Up

Remove all sources of ignition. Avoid breathing vapors. Ventilate affected area. Absorb with earth, sand or other non-combustible material and transfer to container. Dike for later disposal. Dispose in accordance with all applicable regulations.

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Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

This product contains titanium dioxide, which is a known carcinogen: Do not grind or sand. Keep container tightly closed. Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed

Keep cool

Store locked up

Keep away from heat and ignition sources. Keep away from incompatible materials. Do not cut, puncture, or weld on or near this container.

Incompatible Materials

Acids, bases, strong oxidizing agents

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Toluene		108-88-3					
A	CGIH:	20 ppm TWA					
N	NIOSH:	100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STE					
		500 ppm IDLH					
Europe:		50 ppm TWA; 192 mg/m3 TWA 100 ppm STEL; 384 mg/m3 STEI					
		Possibility of significant uptake through	the skin				

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OSHA (US):	200 ppm TWA	300 ppm Ceiling		
Mexico:	50 ppm TWA LMPE-PPT; 188 mg/m3			
	Skin - potential for cutaneous absorption			
	1			
Titanium dioxide	13463-67-7			
ACGIH:	10 mg/m3 TWA			
NIOSH:	5000 mg/m3 IDLH			
OSHA (US):	15 mg/m3 TWA total dust			
Mexico:	10 mg/m3 TWA LMPE-PPT as Ti	20 mg/m3 STEL [LMPE-CT] as Ti		
Silicon adsorbent mixture	Mixture			
NIOSH:	6 mg/m3 TWA	3000 mg/m3 IDLH		
OSHA (US):	20 mppcf TWA; ((80)/(% SiO2) mg/m3	TWA)		
Silica, amorphous, precipitated and gel	112926-00-8			
OSHA (US):	20 mppcf TWA; ((80)/(% SiO2) mg/m3 TWA)			
Mexico:	10 mg/m3 TWA LMPE-PPT			
Zinc oxide	1314-13-2			
ACGIH:	2 mg/m3 TWA respirable fraction	10 mg/m3 STEL respirable fraction		
NIOSH:	5 mg/m3 TWA dust and fume	10 mg/m3 STEL fume		
	15 mg/m3 Ceiling dust	500 mg/m3 IDLH		
OSHA (US):	5 mg/m3 TWA fume; 15 mg/m3 TWA t fraction	total dust; 5 mg/m3 TWA respirable		
Mexico:	5 mg/m3 TWA LMPE-PPT fume; 10 mg	g/m3 TWA LMPE-PPT dust		
	10 mg/m3 STEL [LMPE-CT] fume			

Biological limit value

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There are no biological limit values for any of this product's components.

Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear safety glasses with side shields. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear work clothes with long sleeves. Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Recommended material: protective skin cream.

Respiratory Protection

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white liquid	Physical State	liquid	
Odor	hydrocarbon odor	Color	white	
Odor Threshold	Not available	рН	Not available	
Melting Point	-95 °C (-139 °F)	Boiling Point	90 - 111 °C (194-231 °F)	
Freezing point	Not available	Evaporation Rate	2.6	
Boiling Point Range	Not available	Flammability (solid, gas)	Not available	
Autoignition	230 °C (475 °F)	Flash Point	-7.2 °C (19 °F)	
Lower Explosive Limit	1 %	Decomposition	Not available	
Upper Explosive Limit	7 %	Vapor Pressure	28.2 mmHg	
Vapor Density (air=1)	3.3	Specific Gravity (water=1)	Not available	
Water Solubility	Negligible	Partition coefficient: n-octanol/water	Not available	
Viscosity	3800 cps	Solubility (Other)	Not available	
Density	0.89 (relative)	voc	637 g/L	

Other Information

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No additional information available.

Section 10 - STABILITY AND REACTIVITY

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Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal conditions of use.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Incompatible Materials

Acids, bases, strong oxidizing agents

Hazardous decomposition products

Oxides of carbon, oxides of nitrogen

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

May cause respiratory irritation. May cause drowsiness or dizziness.

Skin Contact

Causes skin irritation. May cause allergic skin reaction.

Eye Contact

Causes serious eye irritation.

Ingestion

May be fatal if swallowed and enters airways. May cause gastrointestinal irritation.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Isophorone Diisocyanate (Mixture)

Oral LD50 Rat >20000 mg/kg Inhalation LC50 Rat 5 mg/L 4 hr

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

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Oral LD50 Rat >2000 mg/kg Dermal LD50 Rat >2000 mg/kg Inhalation LC50 Rat >5000 ppm 1 hr

Toluene (108-88-3)

Oral LD50 >7000 mg/kg Dermal LD50 12 - 14 g/kg Inhalation LC50 30 - 35 mg/L

Titanium dioxide (13463-67-7)

Oral LD50 Rat >5000 mg/kg Inhalation LC50 >6.82 mg/L 4 hr

Silicon adsorbent mixture (Mixture)

Oral LD50 Rat >32000 mg/kg Dermal LD50 Rabbit >2000 mg/kg Inhalation LC50 Rat >2.2 mg/L 1 h

Zinc oxide (1314-13-2)

Oral LD50 Rat >15000 mg/kg Inhalation LC50 Rat >5.7 mg/L

Polyphenol antioxidant (Trade Secret)

Oral LD50 Rat >5000 mg/kg Dermal LD50 Rabbit >5000 mg/kg Inhalation LC50 Rat >165 mg/L 1 h

Thermoplastic elastomer (Trade Secret)

Oral LD50 >2000 mg/kg Dermal LD50 >2000 mg/kg

Immediate Effects

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause allergic skin reaction. Causes damage to central nervous system. May cause respiratory irritation. May cause drowsiness or dizziness.

Delayed Effects

Causes damage to organs through prolonged or repeated exposure: central nervous system, respiratory system.

Irritation/Corrosivity Data

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

May cause allergic skin reaction.

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Component Carcinogenicity

Component Curemogementy	
Toluene	108-88-3
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999]; Monograph 47 [1989] (Group 3 (not classifiable))
Titanium dioxide	13463-67-7
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 93 [2010]; Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))
DFG:	Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)
OSHA:	Present
Silicon adsorbent mixture	Mixture
IARC:	Monograph 68 [1997]; Supplement 7 [1987] (Group 3 (not classifiable))
Silica, amorphous, precipitated and gel	112926-00-8
IARC:	Monograph 68 [1997] (Group 3 (not classifiable))

Germ Cell Mutagenicity

No data available.

Tumorigenic Data

No data available

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

Central nervous system

Specific Target Organ Toxicity - Repeated Exposure

Respiratory system, central nervous system

Aspiration hazard

May be fatal if swallowed and enters airways.

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Medical Conditions Aggravated by Exposure

No data available.

Additional Data

This product contains titanium dioxide, which is a known carcinogen. However, this component is bound by the polymer portion of the sealant. The only way this component would be released is through incineration. Therefore, this product is not considered a carcinogen.

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Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Avoid release to the environment.

Component Analysis - Aquatic Toxicity

Component Analysis - Aquat	ic I backy
Solvent naphtha, petroleum, light aliphatic	64742-89-8
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID
Toluene	108-88-3
Fish:	LC50 96 h Pimephales promelas 15.22 - 19.05 mg/L [flow-through] (1 day old); LC50 96 h Pimephales promelas 12.6 mg/L [static]; LC50 96 h Oncorhynchus mykiss 5.89 - 7.81 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 14.1 - 17.16 mg/L [static]; LC50 96 h Oncorhynchus mykiss 5.8 mg/L [semi-static]; LC50 96 h Lepomis macrochirus 11 - 15 mg/L [static]; LC50 96 h Oryzias latipes 54 mg/L [static]; LC50 96 h Poecilia reticulata 28.2 mg/L [semi-static]; LC50 96 h Poecilia reticulata 50.87 - 70.34 mg/L [static]
Algae:	EC50 96 h Pseudokirchneriella subcapitata >433 mg/L IUCLID; EC50 72 h Pseudokirchneriella subcapitata 12.5 mg/L [static] EPA
Invertebrate:	EC50 48 h Daphnia magna 5.46 - 9.83 mg/L [static] EPA; EC50 48 h Daphnia magna 11.5 mg/L IUCLID
Silicon adsorbent mixture	Mixture
Fish:	LC50 96 h Brachydanio rerio 5000 mg/L [static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata 440 mg/L IUCLID
Invertebrate:	EC50 48 h Ceriodaphnia dubia 7600 mg/L IUCLID

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Polyphenol antioxidant	Trade Secret
Fish:	LC50 96 h Oncorhynchus mykiss >0.2 mg/L [semi-static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata >0.2 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna >0.2 mg/L IUCLID

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Persistence and Degradability

No information available for the product.

Bioaccumulative Potential

No information available for the product.

Mobility

No information available for the product.

Other Toxicity

No additional information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information: Shipping Name: Adhesives

Hazard Class: 3 UN/NA #: UN1133 Packing Group: II Required Label(s): 3

Additional information: Special Provisions (172.102): 149, B52, IB2, T4, TP1, TP8

IATA Information: UN#: UN1133

IMDG Information:

UN#: UN1133

TDG Information: UN#: UN1133

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Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Toluene	108-88-3
SARA 313:	1 % de minimis concentration
CERCLA:	1000 lb final RQ; 454 kg final RQ

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: Yes Chronic Health: Yes Fire: Yes Pressure: No Reactivity: No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes
Titanium dioxide	13463-67-7	No	Yes	Yes	Yes	Yes
Silicon adsorbent mixture	Mixture	Yes	Yes	Yes	Yes	Yes
Silica, amorphous, precipitated and gel	112926-00-8	No	Yes	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects

Toluene	108-88-3
Repro/Dev. Tox	developmental toxicity, 1/1/1991
Titanium dioxide	13463-67-7
Carc:	carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)

Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

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Toluene	108-88-3		
	1 %		
Silicon adsorbent mixture	Mixture		
	1 %		
Zinc oxide	1314-13-2		
	1 %		

Component Analysis - Inventory

Isophorone Diisocyanate (Mixture)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

Toluene (108-88-3)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Titanium dioxide (13463-67-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Silicon adsorbent mixture (Mixture)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

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Silica, amorphous, precipitated and gel (112926-00-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
No	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

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Zinc oxide (1314-13-2)

US	CA	EU	AU	РН	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Polyphenol antioxidant (Trade Secret)

US	CA	EU	AU	РН	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No

Section 16 - OTHER INFORMATION

HMIS Rating

Health: 2* Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

NFPA Ratings

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

Revision Date: June 1, 2018 Revision Note: General Update

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and

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Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

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Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use

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