SAFETY DATA SHEET

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200

1. Identification of the substance or mixture and of the supplier

1.1 Product identifier:

Product name: BLUESIL RES 6407 **Product No.:** PRCO90001230

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Paint
Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet:

Manufacturer:
Elkem Silicones France SAS
1-55 rue des Frères Perret
F-69192 SAINT FONS Cedex
FRANCE

Telephone: +33 (0) 4 72 73 74 75
Fax: +33 (0) 4 72 73 75 99

E-mail: fds.sil@elkem.com

Supplier:
Elkem Silicones USA Corp.
Two Tower Blvd, Suite 1802
08816-1100 East Brunswick, NJ
USA

Telephone: +1 (732) 227-2060
Fax: +1 (732) 249-7000

1.4 Emergency telephone number:

+1 (800) 424-9300 CHEMTREC

2. Hazard identification

2.1 Classification of the substance or mixture:

The product has been classified according to the legislation in force.

Hazard Classification:

Physical Hazards:

Flammable liquids	Category 2	H225: Highly flammable liquid and vapor.

Health Hazards:

Skin irritation	Category 2	H315: Causes skin irritation.
Toxic to reproduction	Category 2	H361d: Suspected of damaging the unborn child. H361f: Suspected of damaging fertility.
Specific Target Organ Toxicity - Single Exposure	Category 3	H336: May cause drowsiness or dizziness.
Specific Target Organ Toxicity - Repeated Exposure	Category 2	H373: May cause damage to organs through prolonged or repeated exposure.

Environmental Hazards:

Chronic hazards to the aquatic environment	Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label Elements:

Hazard pictograms:

Signal Word: Danger

Hazard statements:
H225: Highly flammable liquid and vapor.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:
P210+P241+P240+P242: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Use explosion-proof electrical/ventilating/lighting/equipment. Ground and bond container and receiving equipment. Use only non-sparking tools.
P261: Avoid breathing dust/fume/gas/mist/vapors
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P304+P342+P313: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
P302+P350+P332+P313: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
P308+P313: IF exposed or concerned: Get medical advice/attention.

Storage:
Store in tightly closed original container in a dry, cool and well-ventilated place.

Disposal:
P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards which do not result in GHS classification:

No other information noted.

3. Composition/information on ingredients

Mixtures:

General information:
Solution of polyorganosiloxane resin.

Hazardous Component(s):

Chemical name	Concentration *	Type	CAS number	Classification
Toluene	25 - <50%	Component	108-88-3	Flam. Liq. 2 H225; Skin Irrit. 2 H315; Repr. 2 H361d; STOT SE 3 H336; STOT RE 2 H373; Asp. Tox. 1 H304; Aquatic Chronic 3 H412;
Octamethylcyclotetrasiloxane	0.25 - <1%	Impurities	556-67-2	Flam. Liq. 3 H226; Repr. 2 H361; Aquatic Chronic 1 H410; Aquatic Toxicity (Chronic): M = 10

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16.

4. First-aid measures

General information:
Show this Safety Data Sheet to the attending physician.

4.1 Description of first aid measures:

Inhalation:
In case of inhalation: Move person into fresh air and keep at rest. Get medical attention if symptoms occur. Get medical attention.

Skin Contact:
Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.

Eye Contact:
In the event of contact with the eyes, rinse thoroughly with clean water for at least 15 minutes. Get medical attention if symptoms persist.

Ingestion:
Do not induce vomiting. Rinse mouth thoroughly with water. Do not give victim anything to drink if he is unconscious. Get medical attention immediately.

Personal Protection for First-aid Responders:
First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). Refer to sections 5 and 8 for information on emergency procedures and protective equipment.

4.2 Most important symptoms and effects, both acute and delayed:

Any important symptoms and effects are described in Section 11 (Toxicological information) of this SDS.

4.3 Indication of any immediate medical attention and special treatment needed:

Notes to the physician:
No specific recommendations.

5. Fire-fighting measures

General Fire Hazards:
Vapors may travel considerable distance to a source of ignition and flash back. Containers may explode (due to the build-up of pressure) when exposed to extreme heat.

5.1 Extinguishing media:

Suitable extinguishing media:
Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media:
Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture:

Flammable liquid. Thermal decomposition or combustion may liberate carbon oxides, silicon oxides and other toxic gases or vapors.

5.3 Advice for firefighters:

Special fire-fighting procedures:
Use standard firefighting procedures and consider the hazards of other involved materials. Remove undamaged containers from fire area if it is safe to do so. Evacuate to a safe location and contact the emergency services. Water spray should be used to cool containers.

Special protective equipment for fire-fighters:
Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Personnel not required or not equipped with personal protection should be evacuated from the area. Remove all possible sources of ignition in the surrounding area. Provide good ventilation. Avoid inhalation of vapors, mists or dusts. Avoid contact with eyes, skin, and clothing. Prevent further leakage or spillage if safe to do so. Caution: Contaminated surfaces may be slippery.

6.2 Environmental precautions:

Do not release into the environment. Do not discharge into drains, water courses or onto the ground. Collect spillage. Use containment for a large spill. Spills may be reportable to the National Response Center (800-424-8802), and to state and/or local agencies.

6.3 Methods and material for containment and cleaning up:

Absorb with sand or other inert absorbent. Shovel up and place in a container for salvage or disposal. Use clean non-sparking tools to collect absorbed material. Dispose of residue in accordance with regulations in force.

6.4 Reference to other sections:

Please observe the important information mentioned in the other sections. In particular, information on exposure controls/personal protection and disposal considerations can be found under sections 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling:

Precautions:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. In partly emptied containers formation of explosive mixture is possible. Nitrogen blanketing of containers is recommended. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Use spark-proof tools and/or explosion-proof equipment. Avoid inhalation of vapors/aerosols/dusts and contact with skin and eyes. See Section 8 of the SDS for Personal Protective Equipment. For further information, refer to section 10: "Stability and Reactivity". Take care to prevent spills, waste and minimize release to the environment. In case of spills, beware of slippery floors and surfaces.

Hygiene measures:
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

7.2 Conditions for safe storage, including any incompatibilities:

Store in accordance with local/regional/national regulations. Store in original tightly closed container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Keep in properly labelled containers. Nitrogen blanketing of containers is recommended.

Packaging frequently used at our sites:
Steel drums coated with epoxy-resin.

7.3 Specific end use(s):

See the technical data sheet on this product for further information.

8. Exposure controls/personal protection

8.1 Control Parameters:

Occupational Exposure Limits:

Toluene

Type	Exposure Limit Values		Source	Date	Remarks
IDLH	500 ppm	-	NIOSH IDLH	10 2017	IDLH values based on the 1994 Revised Criteria
STEL	150 ppm	560 mg/m3	NIOSH	2005	
REL	100 ppm	375 mg/m3	NIOSH	2005	
TWA	100 ppm	375 mg/m3	OSHA Z1A	1989	
TWA	20 ppm	-	ACGIH	2008	
STEL	150 ppm	560 mg/m3	OSHA Z1A	1989	
TWA	200 ppm	-	OSHA Z2	02 2006	
Ceiling	300 ppm	-	OSHA Z2	02 2006	
MAX. CONC	500 ppm	-	OSHA Z2	02 2006	
LEL	-	1.1 %	NIOSH IDLH	07 2020	

Biological Limit Values:

Toluene

Exposure Limit Values	Type	Source	Date
0.3 mg/g (Creatinine in urine)	o-Cresol, with hydrolysis (Sampling time: End of shift.)	ACGIH BEI	03 2013
0.02 mg/l (Blood)	toluene (Sampling time: Prior to last shift of work week.)	ACGIH BEI	03 2013
0.03 mg/l (Urine)	toluene (Sampling time: End of shift.)	ACGIH BEI	03 2013

8.2 Exposure controls:

Appropriate Engineering Controls:
Use explosion-proof ventilation equipment to stay below exposure limits. In case of inadequate ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Avoid inhalation of vapors, mists or dusts.

Individual protection measures, such as personal protective equipment:
Avoid inhalation of vapors/aerosols/dusts and contact with skin and eyes. Personal protective equipment should be chosen according to applicable standards, adapted to the conditions of use of the product and in discussion with the supplier of the personal protective equipment.

Eye/face protection:	Safety glasses with side shields
Hand Protection:	Protective gloves are recommended.
Skin and Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	If ventilation is insufficient, suitable respiratory protection must be provided. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to fumes at levels exceeding the exposure limits.

Environmental Controls:
See sections 7 and 13 of the Safety Data Sheet.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	
Physical state:	Liquid
Form:	Slightly viscous
Color:	Colorless to pale yellow
Odor:	Strong
pH:	By definition, pH measurement consists in the determination of hydrogen ions concentration in solution, generally aqueous. Silicones products are hydrophobic and therefore, not soluble in water. By consequence, it is not possible to measure the pH value.
Melting point/freezing point:	No data available.
Boiling Point:	Approximate 110 °C
Flash Point:	6 °C / 43 °F (Closed cup according to method Afnor T 60103.) Toluene
Flammability:	Highly flammable liquid and vapor.
Flammability Limit - Upper (%):	7 %(V) Toluene
Flammability Limit - Lower (%):	1.2 %(V) Toluene
Vapor pressure:	30 hPa (20 °C) Toluene
Relative vapor density:	1.065 (20 °C)
Evaporation Rate:	No data available.
Density:	Approximate 1.09 kg/dm3 (20 °C)
Solubility(ies):	
Solubility in Water:	Very slightly soluble
Solubility (other):	Aliphatic hydrocarbons: Miscible (in all proportions). Acetone: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions).

	Chlorinated solvents: Miscible (in all proportions).
Partition coefficient (n-octanol/water):	No data available.
Self-ignition:	552 °C Toluene
Decomposition Temperature:	No data available.
Kinematic viscosity:	Approximate 70 mm2/s (20 °C)

9.2 Other information:

Dynamic viscosity:	Approximate 76 mPa.s (20 °C)
Oxidizing properties:	Not considered as oxidizing. Expert statement.
Particle Size:	Not applicable

10. Stability and reactivity

10.1 Reactivity:

No other information noted.

10.2 Chemical Stability:

Stable

10.3 Possibility of hazardous reactions:

Will not occur.

10.4 Conditions to avoid:

No other information noted. Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible Materials:

Strong oxidizing agents.

10.6 Hazardous Decomposition Products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Oral:
Not classified for acute toxicity based on available data.

Dermal:
Not classified for acute toxicity based on available data.

Inhalation:
Not classified for acute toxicity based on available data.

Repeated dose toxicity:

Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
May cause damage to organs through prolonged or repeated exposure.
NOAEL: 625 mg/kg ; LOAEL: 1,250 mg/kg ; (Rat ; 90 d ; Oral) ; Target Organ(s): Nervous System, Liver, Kidney, Brain, Heart ; Method: OECD 408

NOAEL: 1.13 mg/l ; (Rat ; Female, Male ; 24 Months ; Inhalation - vapour) ; No treatment-related adverse effects observed ; Method: OECD 453

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOAEL: 1.82 mg/l ; LOAEL: 8.5 mg/l ; (Rat ; Female, Male ; Inhalation - vapour) ; Target Organ(s): Kidney ; Method: Similar to OECD 453 ; Chronic exposure.
NOAEL: 960 mg/kg ; (Rabbit ; Female, Male ; Dermal) ; No treatment-related adverse effects observed ; Method: Similar to OECD 410 ; Subacute exposure.

Skin Corrosion/Irritation:

Based on our knowledge of the composition information: Causes skin irritation.
TOLUENE (*108-88-3*):
Causes skin irritation. Irritant. (Rabbit ; 4 h) ; Method: OECD 404

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
An Expert Judgment stated that no classification is necessary based on present knowledge. Not irritating (Rabbit) ; Method: Similar to OECD 404

Serious Eye Damage/Eye Irritation:

Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Based on available data, the classification criteria are not met. Not irritating (Rabbit) ; Method: OECD 405

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
An Expert Judgment stated that no classification is necessary based on present knowledge. Not irritating (Rabbit) ; Method: OECD 405

Respiratory or Skin Sensitization:

Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Skin sensitization: Not a skin sensitizer. (Guinea Pig) ; Method: OECD 406

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Skin sensitization: Not a skin sensitizer. (Guinea Pig) ; Method: OECD 406

Germ Cell Mutagenicity:

In vitro: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Bacterial reverse mutation test: No mutagenic effect. Method: Similar to OECD 471
In vitro gene mutations test on mammalian cells: No mutagenic effect. Method: Similar to OECD 476

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Bacterial reverse mutation test: No mutagenic effect. (Salmonella typhimurium ; with and without metabolic activation) ; Method: OECD 471
In vitro gene mutations test on mammalian cells: No mutagenic effect. (Mouse lymphoma cells ; with and without metabolic activation) ; Method: Similar to OECD 476
In vitro mammalian chromosomal aberration test: No clastogenic effect. (Chinese hamster ovary cells ; with and without metabolic activation) ; Method: Similar to OECD 473

In vivo: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Mammalian bone marrow chromosomal aberration test: negative (Rat ; Intraperitoneal)
Rodent dominant Lethal test: negative (Mouse ; Inhalation) ; Method: OECD 478

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Mammalian bone marrow chromosomal aberration test: negative (Rat ; Female, Male ; Inhalation) ; Method: Similar to OECD 475
Rodent dominant Lethal test: negative (Rat ; Female, Male ; Gavage (Oral)) ; Method: Similar to OECD 478

Carcinogenicity:

Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Not classified
The product is not considered to be carcinogenic. NOAEC: >= 4.522 mg/l (Rat ; Inhalation - vapor) ; Method: Similar to OECD 453

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:
No carcinogens present or none present in regulated quantities

Reproductive toxicity:

Fertility: Based on our knowledge of the composition information: Suspected of damaging the unborn child., Suspected of damaging fertility.
TOLUENE (*108-88-3*):
The product is not considered to affect fertility.
Fertility study 2 generations: NOAEL (parent): 7.5 mg/l ; NOAEL (F1): 7.5 mg/l ; NOAEL (F2): (Rat ; Female, Male ; Inhalation - vapor) ; Reproductive toxicity

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Suspected of damaging fertility.
Fertility study 2 generations: NOAEL (parent): 3.64 mg/l ; NOAEL (F1): 3.64 mg/l ; NOAEL (F2): None. (Rat ; Female, Male ; Inhalation) ; Method: Similar to OECD 416 ; Effects on fertility

Teratogenicity: Based on our knowledge of the composition information: Suspected of damaging the unborn child. Suspected of damaging fertility.
TOLUENE (*108-88-3*):
Suspected of damaging the unborn child.
NOAEL (terato): 2.26 mg/l ; NOAEL (mater): 2.26 mg/l (Rat ; Inhalation - vapor) ; Method: Similar to OECD 414 ; No effect observed on development.
NOAEL (terato): 1.884 mg/l ; NOAEL (mater): 1.884 mg/l (Rabbit ; Inhalation - vapor) ; Method: OECD 414 ; No effect observed on development.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOAEL (terato): > 8.492 mg/l ; NOAEL (mater): 3.64 mg/l (Rat ; Inhalation - vapor) ; Method: Similar to OECD 414 ; The product is not considered to be toxic for development.
NOAEL (terato): > 6.066 mg/l ; NOAEL (mater): 3.64 mg/l (Rabbit ; Inhalation - vapor) ; Method: Similar to OECD 414 ; The product is not considered to be toxic for development.

Specific Target Organ Toxicity - Single Exposure:

Based on our knowledge of the composition information: May cause drowsiness or dizziness.
TOLUENE (*108-88-3*):
May cause drowsiness or dizziness.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure:

Based on our knowledge of the composition information: May cause damage to organs through prolonged or repeated exposure.
TOLUENE (*108-88-3*):
May cause damage to organs through prolonged or repeated exposure. Target Organ(s): Nervous System

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Based on available data, the classification criteria are not met.

Aspiration Hazard:

Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
May be fatal if swallowed and enters airways.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Based on available data, the classification criteria are not met.

12. Ecological information

12.1 Ecotoxicity:

Acute toxicity:

Fish: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
LC 50 (Coho salmon; 96 h ; Flow through) : 5.5 mg/l

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
LC 50 (Oncorhynchus mykiss; 96 h ; Flow through) : > 0.022 mg/l ; Method: According to a standardised method.

Aquatic Invertebrates: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
EC 50 (Water flea (Ceriodaphnia dubia); 48 h ; semi-static) : 3.78 mg/l ; Method: According to a standardised method.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
EC 50 (Water flea (Daphnia magna); 48 h ; Flow through) : > 0.015 mg/l ; Method: According to a standardised method.

Aquatic plants: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
NOEC (biomass) (Skeletonema costatum; 72 h ; Static) : 10 mg/l ; Method: OECD 201

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
ErC50 (Algae (Pseudokirchneriella subcapitata); 96 h) : > 0.022 mg/l ; Method: According to a standardised method.
ErC10 (Algae (Pseudokirchneriella subcapitata); 96 h) : >= 0.022 mg/l ; Method: According to a standardised method.

Toxicity to microorganisms: Based on our knowledge of the composition information:
OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
EC 50 (3 h) : > 10,000 mg/l

Chronic Toxicity: Harmful to aquatic life with long lasting effects.

Fish: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
NOEC (growth rate) (Coho salmon; 40 d ; Flow through) : 1.4 mg/l

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOEC (Oncorhynchus mykiss; 93 d ; Flow through) : >= 0.0044 mg/l ; Method: According to a standardised method.

Aquatic Invertebrates: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
NOEC (Water flea (Ceriodaphnia dubia); 7 d ; semi-static) : 0.74 mg/l ; Method: According to a standardised method.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOEC (Water flea (Daphnia magna); 21 d ; Flow through) : >= 0.015 mg/l ; Method: According to a standardised method.

12.2 Persistence and Degradability:

Stability in water: No data available.

Biodegradation: Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
69 % ; The product is easily biodegradable.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
3.7 % (activated sludge and sewage, soil ; 28 d) ; Method: OECD 310 ; The product is not considered to be readily biodegradable.

BOD/COD Ratio: No data available.

12.3 Bioaccumulative potential:

Bioconcentration Factor (BCF): Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Bioconcentration Factor (BCF): 90 ; Potential to bioaccumulate is low.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Bioconcentration Factor (BCF): 14,900 (Fathead Minnow) ; Method: OECD 305 ; Not bioaccumulable based on the depuration rate constant

Partition coefficient (n-octanol/water): Based on our knowledge of the composition information:
TOLUENE (*108-88-3*):
Log Kow: 2.73

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Log Kow: 5.10

12.4 Mobility in soil:

No data available.

12.5 Other adverse effects:

No data available.

13. Disposal considerations

13.1 Waste treatment methods:

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal methods:

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Disposal of unused product may be subject to RCRA regulations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability.

Contaminated Packaging:

Contaminated packages should be as empty as possible. Recycle following cleaning or dispose of at an authorised site. Packaging that cannot be cleaned should be disposed of in the same way as the product it contained.

Waste code:

EPA RCRA HAZARDOUS WASTE CODE: D001

14. Transport information

DOT

14.1 UN number or ID number:	UN 1294
14.2 UN Proper Shipping Name:	Toluene Mixture
14.3 Transport Hazard Class(es):	
Class:	3
Label(s):	3
EmS No.:	130,
14.4 Packing Group:	II
14.5 Environmental hazards:	No
14.6 Special precautions for user:	None.

IMDG / IMO

14.1 UN number or ID number:	UN 1294
14.2 UN Proper Shipping Name:	TOLUENE MIXTURE
14.3 Transport Hazard Class(es):	
Class:	3
Label(s):	3
EmS No.:	F-E , S-D
14.4 Packing Group:	II
14.5 Environmental hazards:	No
14.6 Special precautions for user:	None.

14.7 Maritime transport in bulk according to IMO instruments: Not applicable

IATA

14.1 UN number or ID number:	UN 1294
14.2 Proper Shipping Name:	Toluene Mixture
14.3 Transport Hazard Class(es):	
Class:	3
Label(s):	3
14.4 Packing Group:	II
14.5 Environmental hazards:	No
14.6 Special precautions for user:	None.
Other information	
Passenger and cargo aircraft:	Allowed.

Cargo aircraft only:	Allowed.

15. Regulatory information

US Federal Regulations:

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity:	Reportable quantity:
Toluene	1000 lbs

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories:
Flammable liquids, Skin Corrosion or Irritation, Reproductive toxicity, Specific target organ toxicity (single or repeated exposure)

SARA 304 Emergency Release Notification: None present or none present in regulated quantities.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:

Chemical Identity:	Reporting threshold for other users:	Reporting threshold for manufacturing and processing:
Toluene	10000 lbs	25000lbs

US State Regulations:

US. California Proposition 65:

This product can expose you to chemicals including: Toluene (<50%) which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act:
Chemical Identity:
Toluene

US. Massachusetts RTK - Substance List:
Chemical Identity:
Toluene

US. Pennsylvania RTK - Hazardous Substances:
Chemical Identity:
Toluene

US. Rhode Island RTK:
Chemical Identity:
Toluene

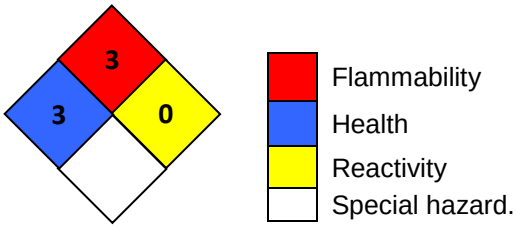
Inventory Status:

Australia Industrial Chem. Act (AIIC):	On or in compliance with the inventory.
Canada NDSL Inventory:	On or in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.

Taiwan Chemical Substance Inventory:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
Vietnam National Chemical Inventory:	On or in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory.

16. Other information, including date of preparation or last revision

NFPA Hazard ID:



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Wording of the H-statements in section 2 and 3:

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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Further Information:

No data available.

Disclaimer:

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.