



# CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

## 1. Chemical product and company identification

<b>Product name</b>	<b>Seal Coat® Red Urethane Coating</b>
<b>Product code</b>	18410, PR18410
<b>Company name</b>	CRC Industries, Inc.
<b>Address</b>	885 Louis Dr. Warminster, PA 18974 US
<b>Telephone</b>	
<b>General Information</b>	1-215-674-4300
<b>Technical Assistance</b>	1-800-521-3168
<b>Customer Service</b>	1-800-272-4620
<b>24-Hour Emergency (CHEMTREC)</b>	+86 532 83889090 (China) 1-703-527-3887 (International)
<b>Website</b>	www.crcindustries.com

### Recommended use and Limitations on use

<b>Recommended use</b>	Electrical coating
<b>Issue date</b>	11-07-2014

## 2. Hazards identification

**Emergency overview** Extremely flammable aerosol. Pressurized container may explode when exposed to heat or flame. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Possible reproductive hazard. Dangerous for the environment if discharged into watercourses.

### GHS-classification

<b>Physical hazards</b>	Aerosols	Category 1
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>Other hazards which do not result in classification</b>	Not classified.	

### Label elements

#### Pictograms



### GHS-labeling

**Signal word** Danger

### Hazard statement

Extremely flammable aerosol. Pressurized container: May burst if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child by ingestion. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Precautionary statement**

<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe gas/fumes/vapor/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see this label). If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. 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 INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If exposed or concerned: Get medical attention. Collect spillage.
<b>Storage</b>	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Physical and chemical hazards</b>	Extremely flammable aerosol. Pressurized container: May burst if heated.
<b>Health hazards</b>	May be fatal if swallowed and enters airways. Suspected of damaging fertility. Suspected of causing cancer. May cause drowsiness and dizziness. Causes skin irritation. Causes serious eye irritation.
<b>Environmental hazards</b>	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**3. Composition/information on ingredients**

Substance/mixture	Mixture	
Chemical name	CAS Number	Concentration (%)
Acetone	67-64-1	20 - 30
Liquefied petroleum gas	68476-86-8	20 - 30
Xylene	1330-20-7	10 - 20
2-Methylpentane	107-83-5	5 - 10
Naphtha (petroleum), hydrotreated light	64742-49-0	5 - 10
Ethylbenzene	100-41-4	1 - 3
n-Hexane	110-54-3	< 1
Stoddard Solvent	8052-41-3	< 1
Methyl ethyl ketoxime	96-29-7	< 0.3
Zirconium 2-ethylhexanoate	22464-99-9	< 0.2
Benzene	71-43-2	< 0.1
Isopentane	78-78-4	< 0.1
Naphthalene	91-20-3	< 0.1
n-Pentane	109-66-0	< 0.1
Toluene	108-88-3	< 0.1

**4. First aid measures**

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Provide oxygen or artificial respiration if needed. Get medical attention if symptoms persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.

<b>Most important symptoms and health effects</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain. Causes serious eye irritation. Prolonged exposure may cause chronic effects.
<b>Expected acute symptoms and delayed symptoms</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain. Causes serious eye irritation. Prolonged exposure may cause chronic effects.
<b>Personal protection for first-aid responders</b>	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

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## 5. Fire-fighting measures

<b>Extinguishing media</b>	Alcohol resistant foam. Water fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
<b>Extinguishing media to avoid</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards</b>	Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed. This product is a poor conductor of electricity and can become electrostatically charged. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. To reduce potential for static discharge, use proper bonding and grounding procedures.
<b>Special fire fighting procedures</b>	In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
<b>Protection of fire-fighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>General fire hazards</b>	Extremely flammable aerosol.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

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## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Avoid inhalation of vapors and spray mists. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>For emergency responders</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.
<b>Clean-up methods and materials and containment measures</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. Prevent entry into waterways, sewer, basements or confined areas.
<b>Prevention of secondary hazards</b>	Not available.

## 7. Handling and storage

### Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Static electricity and formation of sparks must be prevented. Do not re-use empty containers. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Wash contaminated clothing before reuse. Avoid release to the environment.

### Storage

Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Exposure limits

#### China

#### Components

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	450 mg/m3
	TWA	300 mg/m3
Benzene (CAS 71-43-2)	STEL	10 mg/m3
	TWA	6 mg/m3
Ethylbenzene (CAS 100-41-4)	STEL	150 mg/m3
	TWA	100 mg/m3
Isopentane (CAS 78-78-4)	STEL	1000 mg/m3
	TWA	500 mg/m3
Naphthalene (CAS 91-20-3)	STEL	75 mg/m3
	TWA	50 mg/m3
n-Hexane (CAS 110-54-3)	STEL	180 mg/m3
	TWA	100 mg/m3
n-Pentane (CAS 109-66-0)	STEL	1000 mg/m3
	TWA	500 mg/m3
Toluene (CAS 108-88-3)	STEL	100 mg/m3
	TWA	50 mg/m3
Xylene (CAS 1330-20-7)	STEL	100 mg/m3
	TWA	50 mg/m3
Zirconium 2-ethylhexanoate (CAS 22464-99-9)	STEL	10 mg/m3
	TWA	5 mg/m3

### Biological limit values

#### China. Biological limit values for occupational exposure (WS/T 110 to 115, 239 to 243, and 264 to 267)

Components	Value	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3)	4 mg/l	2,5-Hexanedione	Urine	*
	35 mmol/l	2,5-Hexanedione	Urine	*
Toluene (CAS 108-88-3)	1.5 g/g	Hippuric acid	Creatinine in urine	*
	2 g/l	Hippuric acid	Urine	*
	5 mg/m3	toluene		*
	20 mg/m3		End-exhaled air	*
	11 mmol/l	Hippuric acid	Urine	*

**China. Biological limit values for occupational exposure (WS/T 110 to 115, 239 to 243, and 264 to 267)**

Components	Value	Determinant	Specimen	Sampling Time
	1 mol/mol	Hippuric acid	Creatinine in urine	*

\* - For sampling details, please see the source document.

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Benzene (CAS 71-43-2)	25 µg/g	S-Phenylmercapturic acid	Creatinine in urine	*
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedione, without hydrolysis	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines****China OELs: Skin designation**

BENZENE (CAS 71-43-2)	Can be absorbed through the skin.
NAPHTHALENE (CAS 91-20-3)	Can be absorbed through the skin.
N-HEXANE (CAS 110-54-3)	Can be absorbed through the skin.
TOLUENE (CAS 108-88-3)	Can be absorbed through the skin.

**Control parameters**

Follow standard monitoring procedures.

**Engineering measures**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Personal protective equipment****Respiratory protection**

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**Hand protection**

Wear protective gloves such as: Nitrile. Polyvinyl alcohol (PVA). Rubber.

**Eye protection**

Wear safety glasses with side shields (or goggles).

**Skin and body protection**

Wear appropriate chemical resistant clothing.

**Hygiene measures**

When using, do not eat, drink or smoke. 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.

**9. Physical and chemical properties****Appearance**

<b>Physical state</b>	Liquid.
<b>Form</b>	Aerosol.
<b>Color</b>	Red.

**Odor** Solvent.

**pH** Not available.

**Melting point/freezing point** -244.7 °F (-153.7 °C) estimated

<b>Boiling point, initial boiling point, and boiling range</b>	118.4 °F (48 °C) estimated
<b>Flash point</b>	-4 °F (-20 °C) Tag Closed Cup
<b>Flammability limit - lower (%)</b>	0.7 % estimated
<b>Flammability limit - upper (%)</b>	12.8 % estimated
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	1452.6 hPa estimated
<b>Vapor density</b>	> 1 (air = 1)
<b>Relative density</b>	0.82
<b>Density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Slightly soluble.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	437 °F (225 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Evaporation rate</b>	Moderate.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Heat, flames and sparks. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
<b>Hazardous decomposition products</b>	Carbon monoxide. Hydrocarbon fumes and smoke.

## 11. Toxicological information

<b>Acute toxicity</b>	May be fatal if swallowed and enters airways. Narcotic effects.	
<b>Product</b>	<b>Species</b>	<b>Test Results</b>
Seal Coat® Red Urethane Coating		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	11638.7979 mg/kg estimated
<i>Inhalation</i>		
LC50	Rat	34011.8008 ppm, 4 hours estimated 102.1506 mg/l, 4 Hours estimated
<i>Oral</i>		
LD50	Rat	6554.9985 mg/kg estimated 6145.5264 ml/kg estimated
TDL0	Human	11.1883 g/kg estimated
<b>Chronic</b>		
<i>Inhalation</i>		
NOEL	Rat	73302.4688 ppm, 8 weeks estimated
<i>Oral</i>		
NOEL	Rat	385.8025 mg/kg, 90 days estimated
<b>Routes of exposure</b>	Inhalation. Ingestion. Skin contact. Eye contact.	

<b>Symptoms</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>China OELs for hazardous agents in the workplace: Carcinogen Category</b>	
BENZENE (CAS 71-43-2)	Carcinogenic to humans.
ETHYL BENZENE (CAS 100-41-4)	Possible human carcinogen.
NAPHTHALENE (CAS 91-20-3)	Possible human carcinogen.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
Benzene (CAS 71-43-2)	1 Carcinogenic to humans.
Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.
Naphthalene (CAS 91-20-3)	2B Possibly carcinogenic to humans.
Stoddard Solvent (CAS 8052-41-3)	3 Not classifiable as to carcinogenicity to humans.
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.
<b>Toxic to reproduction</b>	Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility.
<b>Specific target organ toxicity following single exposure</b>	May cause drowsiness and dizziness.
<b>Specific target organ toxicity following repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Prolonged exposure may cause chronic effects.

## 12. Ecological information

### Ecotoxicological data

Components		Species	Test Results
Acetone (CAS 67-64-1)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Benzene (CAS 71-43-2)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	8.76 - 15.6 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	7.2 - 11.7 mg/l, 96 hours
Ethylbenzene (CAS 100-41-4)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	2.1 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	12.1 mg/l, 96 hours
Methyl ethyl ketoxime (CAS 96-29-7)			
<b>Aquatic</b>			
Algae	EC50	Algae	11.6 mg/l, 72 hours Growth rate 6.1 mg/l, 72 hours Biomass
Crustacea	EC50	Daphnia	750 mg/l, 48 hours

Components		Species	Test Results
Fish	LC50	Fish	> 100 mg/l, 96 hours
Naphthalene (CAS 91-20-3)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	1.6 mg/l, 96 hours
n-Hexane (CAS 110-54-3)			
<b>Aquatic</b>			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 hours
Toluene (CAS 108-88-3)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	9.5 - 19.2 mg/l, 96 hours
<b>Ecotoxicity</b>	Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.		
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulation</b>			
<b>Bioaccumulative potential</b>			
<b>Bioconcentration factor</b>			
Xylene			15
<b>Octanol/water partition coefficient log Kow</b>			
2-Methylpentane			3.74
Acetone			-0.24
Benzene			2.13
Ethylbenzene			3.15
Isopentane			2.3
Naphthalene			3.3
n-Hexane			3.9
n-Pentane			3.39
Stoddard Solvent			3.16 - 7.15
Toluene			2.73
Xylene			3.12 - 3.2
<b>Mobility in soil</b>	Not available.		
<b>Other hazardous effects</b>	None known.		

### 13. Disposal considerations

<b>Residual waste</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
<b>Recommended methods for final destination</b>	
<b>Local disposal regulations</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.



## 14. Transport information

### CNDG

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	-

### IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.

### IMDG

UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Not available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.

CNDG; IATA; IMDG



## 15. Regulatory information

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### Applicable regulations

##### General Rule For Classification and Hazard Communication of Chemicals (GB 13690-2009) and Dangerous Chemical Products

2-Methylpentane (CAS 107-83-5)  
 Acetone (CAS 67-64-1)  
 Benzene (CAS 71-43-2)  
 Ethylbenzene (CAS 100-41-4)  
 Isopentane (CAS 78-78-4)  
 Naphthalene (CAS 91-20-3)  
 n-Hexane (CAS 110-54-3)  
 n-Pentane (CAS 109-66-0)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

##### Highly Toxic Chemicals List

Benzene (CAS 71-43-2)

##### Occupational exposure limits for hazardous agents in the workplace (GBZ 2.1-2007)

Acetone (CAS 67-64-1)  
 Benzene (CAS 71-43-2)  
 Ethylbenzene (CAS 100-41-4)  
 Isopentane (CAS 78-78-4)  
 Naphthalene (CAS 91-20-3)  
 n-Hexane (CAS 110-54-3)  
 n-Pentane (CAS 109-66-0)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)  
 Zirconium 2-ethylhexanoate (CAS 22464-99-9)

##### National Catalogue of Hazardous Wastes

Naphthalene (CAS 91-20-3)  
 Stoddard Solvent (CAS 8052-41-3)  
 Xylene (CAS 1330-20-7)

##### Restricted Import/Export Toxic Chemical List (MEP and GCA Announcement No. 2008-66, Dec. 1, 2008, amended through MEP and Customs Notice No. 2011-91, December 28, 2011)

Not regulated.

##### Classification and code of dangerous goods (GB6944-2005)

Regulated.

##### List of Dangerous Goods (GB 12268-2005)

Regulated.

##### The Principle of Classification of Transport Packaging Groups of Dangerous Goods (GB/T15098-2008)

Regulated.

##### General Specifications for Transport Packages of Dangerous Goods (GB 12463-2009)

Regulated.

##### Regulations on Road Transport of Dangerous Goods

Regulated.

##### Regulations on Rail Road Transport of Dangerous Goods

Regulated.

**UN Recommendations on the Transport of Dangerous Goods (UN RTDG)**

Regulated.

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**16. Other information****References**

Not available.

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