



## Safety Data Sheet

Revision Date 04-Jun-2018

Version 9

Supersedes Date: 21-Mar-2017

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product Identifier

**Product code** LP21  
**Product name** Liquid Pearl - Radiant Red

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

**Recommended use** Additives for pigment/paint/ink

#### 1.3. Details of the supplier of the safety data sheet

*See section 16 for more information*

Valspar Corporation  
Level 4, 2 Burbank Place  
Baulkham Hills, New South Wales 2153

Valspar Corporation  
2-14 Patiki Road, Avondale 1026  
Auckland, New Zealand

For further information, please contact

**E-mail address** [sdshelpdesk@valspar europe.com](mailto:sdshelpdesk@valspar europe.com)

#### 1.4. Emergency telephone number

**Australia** +(61)-290372994  
**New Zealand** +(64)-98010034

**Poison control centre phone number**

**Australia** 13 11 26  
**New Zealand** 0800 764-766

### Section 2: HAZARDS IDENTIFICATION

#### GHS - Classification

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Acute aquatic toxicity	Category 3
Flammable liquids	Category 3

## Label elements



Signal word

**WARNING**

Contains Benzene, 1-chloro-4-(trifluoromethyl)-

### HAZARD STATEMENTS

Flammable liquid and vapour  
**CAUSES SKIN IRRITATION**  
 Causes serious eye irritation  
 May cause respiratory irritation  
 Harmful to aquatic life

### PREVENTION

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves  
 Wear eye/face protection  
 Avoid breathing dust/fume/gas/mist/vapours/spray  
 Use only outdoors or in a well-ventilated area  
 Avoid release to the environment  
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ ventilating/ lighting/ equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep cool

### RESPONSE

Get medical advice/attention if you feel unwell

#### Eyes

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

#### Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

#### INHALATION

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell

#### INGESTION

Do NOT induce vomiting

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

#### FIRE

In case of fire: Use CO2, dry chemical, or foam for extinction

**STORAGE**

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

**DISPOSAL**

Dispose of contents/container to an approved waste disposal plant

**OTHER HAZARDS**

Not applicable

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	10 - 25

*If this section is blank, there are no hazardous components per NOHSC guidelines.*

**Section 4: FIRST AID MEASURES****4.1. Description of first aid measures****General Advice**

IF exposed or concerned: Get medical advice/attention.

**Eye Contact**

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.

**Skin contact**

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

**INHALATION**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**INGESTION**

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms** None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Note to doctors** Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

**Suitable Extinguishing Media** Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Not to be used for safety reasons:** Strong water jet

**5.2. Special hazards arising from the substance or mixture**

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

HAZCHEM Code: 3Y

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Avoid breathing vapours or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

### 6.3. Methods and material for containment and cleaning up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Cleaning Up**

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

#### **General hygiene considerations**

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorised personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

### Exposure Limits

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical name	Australia	New Zealand	ACGIH TLV
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup> F

### Biological Limit Values:.

Chemical name	Australia	New Zealand
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6		160 µmol/L urine prior to shift Fluoride 3 mg/L urine prior to shift Fluoride 530 µmol/L urine end of shift Fluoride 10 mg/L urine end of shift Fluoride

## 8.2. Exposure controls

### Engineering controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### Personal Protective Equipment

#### Eye/Face Protection

Wear safety glasses with side shields (or goggles).

#### Skin and Body Protection

Wear suitable protective clothing. Wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

#### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

#### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### Thermal Protection

No information available

#### Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water  
Local authorities should be advised if significant spillages cannot be contained

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical State	Liquid
Appearance	No information available
Odour	Solvent
Colour	Red
Odour threshold	No information available
PH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available °C / °F
Flash Point	46 °C / 115 °F
Method	
Evaporation Rate	No information available

<b>Flammability (solid, gas)</b>	No information available
<b>Flammability limit in air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit</b>	No information available
<b>Vapour pressure</b>	No information available
<b>Vapour Density</b>	No information available
<b>Specific gravity</b>	1.48
<b>Solubility(ies)</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive Properties</b>	No information available
<b>Oxidising Properties</b>	No information available

## 9.2. Other information

<b>Molecular Weight</b>	No information available
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## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

#### **Hazardous polymerisation**

None under normal processing.

#### **Possibility of hazardous reactions**

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidising agents. Strong acids. Acids.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Chlorine.

## Section 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

### Information on Likely Routes of Exposure

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin contact</b>	CAUSES SKIN IRRITATION.
<b>INGESTION</b>	Not applicable.
<b>INHALATION</b>	May cause respiratory irritation.

### Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

**Numerical Measures of Toxicity - Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	= 13 g/kg ( Rat )	> 2 mL/kg ( Rabbit )	= 33 mg/L ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin Corrosion/Irritation</b>	CAUSES SKIN IRRITATION
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation
<b>Skin Sensitisation</b>	Not applicable
<b>Respiratory Sensitisation</b>	Not applicable
<b>Germ Cell Mutagenicity</b>	Not applicable
<b>Carcinogenicity</b>	Not applicable
<b>Reproductive toxicity</b>	Not applicable
<b>Specific target organ toxicity (single exposure)</b>	May cause respiratory irritation
<b>Specific target organ toxicity (repeated exposure)</b>	Not applicable
<b>Aspiration Hazard</b>	Not applicable

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** Harmful to aquatic life

**Environmental Precautions** Prevent product from entering drains.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6		11.5 - 15.8 mg/L <i>Lepomis macrochirus</i> 48h LC50	= 3.68 mg/L <i>Daphnia magna</i> 48h EC50

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

Chemical name	Partition Coefficient (n-octanol/water)
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	3.7

**Section 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

**Waste from Residues/Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

**Section 14: TRANSPORT INFORMATION**

<b>14.1 UN/ID no</b>	<b>IMDG</b> UN1263	<b>ADG</b> UN1263	<b>IATA</b> UN1263
<b>14.2 Proper Shipping Name</b>	Paint related material	Paint related material	Paint related material
<b>14.3 Hazard class</b>	3	3	3
<b>14.4 Packing group</b>	III	III	III

<b>14.5 Environmental hazard</b>			
<b>14.6 Special Provisions</b>	163, 223, 367 955	163, 223, *	A3, A72, A192
	<b>EmS-No</b>		
	F-E, S-E		
<b>14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE</b>			No information available
<b>HAZCHEM Code:</b>	3Y		

*The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.*

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National Regulations

##### **Australia**

See section 8 for national exposure control parameters

##### **New Zealand**

See section 8 for national exposure control parameters

##### **ERMA New Zealand HSNO approval code or group standard**

HSR002662: SURFACE COATINGS AND COLOURANTS (FLAMMABLE)

#### International Inventories

**AICS** - Australian Inventory of Chemical Substances

All components are listed or exempt from listing

**NZIoC** - New Zealand Inventory of Chemicals

All components are listed or exempt from listing

### 15.2. Chemical safety assessment

No information available

## Section 16: OTHER INFORMATION

#### **Supplier Address**

Valspar Automotive Australia Pty Limited  
Unit 11/8 Kerta Road  
Kincumber, NSW 2251  
Australia  
T: +612 43684054  
F: +612 43684215  
www.valsparautomotive.com.au

DBNZ Coatings Limited  
6 Killarney Lane  
Hamilton 3243  
New Zealand  
T: +64 7847 0933 F: +64 7847 0932  
E: info@dbnz.co.nz  
www.dbnzcoatings.co.nz

**Prepared by** Product Stewardship

**Revision Date** 04-Jun-2018

**Revision note** Not applicable.

#### **Disclaimer**

**The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**



**End of Safety Data Sheet**