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Safety Data Sheet

Revision Date 04-Jun-2018

Version 10

Supercedes Date: 07-Nov-2017

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

1.1. Product Identifier

Product code

Product name VALSPAR 1K ACRYLIC BINDER 303C01

AC303

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

Recommended use Solvent rich paint

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@valspareurope.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

Aspiration toxicity	Category 1
Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Reproductive Toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Acute aquatic toxicity	Category 2
Chronic Aquatic Toxicity	Category 2
Flammable liquids	Category 2

Label elements



Contains Toluene, Butyl benzyl phthalate , Ethyl acetate, 1-Butanol

HAZARD STATEMENTS

Highly flammable liquid and vapour CAUSES SKIN IRRITATION Causes serious eye irritation May damage fertility or the unborn child May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure Toxic to aquatic life with long lasting effects May be fatal if swallowed and enters airways

PREVENTION

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves Wear eye/face protection Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapours/spray 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 Keep cool

RESPONSE

IF exposed or concerned: Get medical advice/attention

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 INGESTION IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting FIRE In case of fire: Use CO2, dry chemical, or foam for extinction Spill Collect spillage

STORAGE

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

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-%
Toluene	108-88-3	25 - 50
Ethyl acetate	141-78-6	10 - 25
Butyl benzyl phthalate	85-68-7	1 - 3
Cyclohexanone	108-94-1	1 - 3
1-Butanol	71-36-3	1 - 3
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.3 - 1
Poly(oxy-1,2-ethanediyl), .alpha[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimeth ylethyl)-4-hydroxyphenyl]-1-oxopropyl]omegah ydroxy-	104810-48-2	0.1 - 0.3
Poly(oxy-1,2-ethanediyl), .alpha[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimeth ylethyl)-4-hydroxyphenyl]-1-oxopropyl]omega[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)- 4-hydroxyphenyl]-1-oxoprop	104810-47-1	0.1 - 0.3
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	82919-37-7	0.1 - 0.3

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 or rash 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

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

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, CO2, 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. May cause sensitisation by skin contact.

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:

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

3YE

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. Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

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

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
Toluene 108-88-3	TWA: 50 ppm TWA: 191 mg/m ³ STEL: 150 ppm STEL: 574 mg/m ³	TWA: 50 ppm TWA: 188 mg/m ³ S*	TWA: 20 ppm
Ethyl acetate 141-78-6	TWA: 200 ppm TWA: 720 mg/m ³ STEL: 400 ppm STEL: 1440 mg/m ³	TWA: 200 ppm TWA: 720 mg/m³	TWA: 400 ppm
Butyl benzyl phthalate 85-68-7		TWA: 5 mg/m³	
Cyclohexanone 108-94-1	TWA: 25 ppm TWA: 100 mg/m ³	TWA: 25 ppm TWA: 100 mg/m ³ S*	STEL: 50 ppm TWA: 20 ppm S*
1-Butanol 71-36-3	Peak: 50 ppm Peak: 152 mg/m³	Ceiling: 50 ppm Ceiling: 150 mg/m ³ S*	TWA: 20 ppm

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

Tight sealing safety goggles.

Skin and Body Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. 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

9.1. Information on basic physical	and chemical properties
Physical State	Liquid
Appearance	No information available
Odour	Solvent
Colour	Colourless
Odour threshold	No information available
PH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	77 °C / 171 °F
Flash Point	4 °C / 39 °F
Method	
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability limit in air	
Upper flammability limit:	No information available
Lower flammability limit	No information available
Vapour pressure	No information available
Vapour Density	No information available
Specific gravity	0.942
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive Properties	No information available
Oxidising Properties	No information available

9.2. Other information Molecular Weight

No information available

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.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO2).

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Information on Likely Routes of Exposure

Eye Contact	Causes serious eye irritation.
Skin contact	CAUSES SKIN IRRITATION.
INGESTION	May be fatal if swallowed and enters airways.
INHALATION	May cause drowsiness or dizziness.

Numerical Measures of Toxicity - Product Information

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

ATEmix (oral)	25,773.00 Mg/kg
ATEmix (inhalation-dust/mist)	61.50 Mg/l
ATEmix (inhalation-vapour)	451.00 Mg/l

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
Toluene 108-88-3	= 2600 mg/kg(Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat)4 h
Ethyl acetate 141-78-6	= 5620 mg/kg(Rat)	>20 mL/kg (Rabbit)>18000 mg/kg (Rabbit)	-
Butyl benzyl phthalate 85-68-7	= 2330 mg/kg (Rat)	= 6700 mg/kg(Rat)	> 6.7 mg/L (Rat)4 h
Cyclohexanone 108-94-1	= 1544 mg/kg (Rat)	= 947 mg/kg(Rabbit)	= 8000 ppm (Rat)4 h
1-Butanol 71-36-3	= 700 mg/kg(Rat)= 790 mg/kg(Rat)	= 3402 mg/kg (Rabbit)= 3400 mg/kg (Rabbit)	> 8000 ppm (Rat)4 h
Bis(1,2,2,6,6-pentamethyl-4-piperidy I) sebacate 41556-26-7	= 2615 mg/kg (Rat)	-	-
Poly(oxy-1,2-ethanediyl), .alpha[3-[3-(2H-benzotriazol-2-yl)- 5-(1,1-dimethylethyl)-4-hydroxyphen yl]-1-oxopropyl]omegahydroxy- 104810-48-2	_	_	-
Poly(oxy-1,2-ethanediyl), .alpha[3-[3-(2H-benzotriazol-2-yl)- 5-(1,1-dimethylethyl)-4-hydroxyphen yl]-1-oxopropyl]omega[3-[3-(2H-b enzotriazol-2-yl)-5-(1,1-dimethylethy		_	-

l)-4-hydroxyphenyl]-1-oxoprop 104810-47-1			
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl	-	-	-
ester 82919-37-7			

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

Skin Corrosion/Irritation Serious eye damage/eye irritation Skin Sensitisation Respiratory Sensitisation Germ Cell Mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity (single exposure) Specific target organ toxicity (repeated exposure)

Toluene Nervous System

Aspiration Hazard

May be fatal if swallowed and enters airways

May cause damage to organs through prolonged or repeated

May damage fertility or the unborn child

May cause drowsiness or dizziness

CAUSES SKIN IRRITATION

Causes serious eye irritation

Not applicable

Not applicable

Not applicable Not applicable

exposure

Section 12: ECOLOGICAL INFORMATION

This material meets the definition of a marine pollutant

Ecotoxicity

Toxic to aquatic life with long lasting effects

Marine Pollutant

Environmental Precautions

Prevent product from entering drains.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Toluene 108-88-3	= 12.5 mg/L Pseudokirchneriella subcapitata 72 h EC50 > 433 mg/L Pseudokirchneriella subcapitata 96 h EC50	5.89 - 7.81 mg/L Oncorhynchus mykiss 96h LC50 14.1 - 17.16 mg/L Oncorhynchus mykiss 96h LC50 15.22 - 19.05 mg/L Pimephales promelas 96h LC50 11.0 - 15.0 mg/L Lepomis macrochirus 96h LC50 = 54 mg/L Oryzias latipes 96h LC50 = 28.2 mg/L Poecilia reticulata 96h LC50 50.87 - 70.34 mg/L Poecilia reticulata 96h LC50 = 12.6 mg/L Pimephales promelas 96h LC50 = 5.8 mg/L Oncorhynchus mykiss 96h LC50	= 11.5 mg/L Daphnia magna 48h EC50 5.46 - 9.83 mg/L Daphnia magna 48h EC50
Ethyl acetate 141-78-6	= 3300 mg/L Desmodesmus subspicatus 48 h EC50	220 - 250 mg/L Pimephales promelas 96h LC50 = 484 mg/L Oncorhynchus mykiss 96h LC50 352 - 500 mg/L Oncorhynchus mykiss 96h LC50	= 560 mg/L Daphnia magna 48h EC50
Butyl benzyl phthalate 85-68-7	0.2 - 28.2 mg/L Pseudokirchneriella subcapitata 72 h EC50 0.02 - 0.25 mg/L Pseudokirchneriella subcapitata 96 h EC50	 1.39 - 3.88 mg/L Pimephales promelas 96h LC50 > 0.78 mg/L Pimephales promelas 96h LC50 1.0 - 10.0 mg/L Lepomis macrochirus 96h LC50 = 0.82 mg/L Oncorhynchus mykiss 96h LC50 1.0 - 10.0 mg/L Oncorhynchus mykiss 96h LC50 	= 0.97 mg/L Daphnia magna 48h EC50 0.9 - 1.1 mg/L Daphnia magna 48h EC50 = 1.28 mg/L Daphnia magna 48h EC50 > 0.76 mg/L Daphnia magna 48h EC50

Cyclohexanone 108-94-1	= 20 mg/L Chlorella vulgaris 96 h EC50	481 - 578 mg/L Pimephales promelas 96h LC50 = 8.9 mg/L Pimephales promelas 96h LC50	= 800 mg/L Daphnia magna 24h EC50
1-Butanol 71-36-3	 > 500 mg/L Desmodesmus subspicatus 96 h EC50 > 500 mg/L Desmodesmus subspicatus 72 h EC50 	= 1740 mg/L Pimephales promelas 96h LC50 100000 - 500000 µg/L Lepomis macrochirus 96h LC50 = 1910000 µg/L Pimephales promelas 96h LC50 1730 - 1910 mg/L Pimephales promelas 96h LC50	= 1983 mg/L Daphnia magna 48h EC50 1897 - 2072 mg/L Daphnia magna 48h EC50
Bis(1,2,2,6,6-pentamethyl-4-piperidy I) sebacate 41556-26-7		= 0.97 mg/L Lepomis macrochirus 96h LC50	= 20 mg/L Daphnia magna 24h EC50

Persistence and Degradability

No information available.

Bioaccumulation No information available.

<u>Mobility</u>

No information available.

Chemical name	Partition Coefficient (n-octanol/water)
Toluene	2.7
108-88-3	
Ethyl acetate	0.6
141-78-6	
Butyl benzyl phthalate	4.91
85-68-7	
Cyclohexanone	0.86
108-94-1	
1-Butanol	0.785
71-36-3	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	0.37
41556-26-7	

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused
ProductsDisposal 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				
14.1 UN/ID no 14.2 Proper Shipping Name	IMDG UN1263 Paint	ADG UN1263 Paint	IATA UN1263 Paint		
14.3 Hazard class 14.4 Packing group 14.5 Environmental hazard	3 II	3 II	3 II		
Marine Pollutant This material meets the definition of a marine pollutant Marine Pollutant Butyl benzyl phthalate , Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate					
14.6 Special Provisions	163, 367 EmS-No	163, 367	A3, A72, A192		
14.7 Transport in Bulk Accord	F-E, S-E ling to Annex II of MARPOL	73/78 and the IBC CODE	No information available		

HAZCHEM Code:

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

3YE

National Regulations

Australia

See section 8 for national exposure control parameters

New Zealand

See section 8 for national exposure control parameters

International Inventories

AICS - Australian Inventory of Chemical Substances NZIOC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

All components are listed or exempt from listing

Not all components are listed or exempt from listing

Supplier Address

Valspar Automotive Australia Pty	DBNZ Coatings Limited
Limited	6 Killarney Lane
Unit 11/8 Kerta Road	Hamilton 3243
Kincumber, NSW 2251	New Zealand
Australia	T: +64 7847 0933 F: +64 7847 0932
T: +612 43684054	E: info@dbnz.co.nz
F: +612 43684215	www.dbnzcoatings.co.nz
www.valsparautomotive.com.au	

Prepared by	Product Stewardship
Revision Date	04-Jun-2018
Revision note	Not applicable.

Disclaimer

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End of Safety Data Sheet