

Safety Data Sheet

Revision Date 09-Oct-2020

Version 16

Supersedes Date: 17-Jan-2020

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

1.1. Product Identifier

Product code VP50
Product name EPOXY PRIMER-BUFF

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

Recommended use Paint, Coatings

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

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin Sensitisation	Category 1
Acute aquatic toxicity	Category 2
Chronic Aquatic Toxicity	Category 2
Flammable liquids	Category 2

Label elements



Signal word

DANGER

Contains Bisphenol A diglycidyl ether - bisphenol A copolymer, Bisphenol A diglycidyl ether , 2-Pentanone, 4-methyl-, Xylenes, Acetone

HAZARD STATEMENTS

Highly flammable liquid and vapour
CAUSES SKIN IRRITATION
Causes serious eye irritation
May cause an allergic skin reaction
Toxic to aquatic life with long lasting effects

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
Contaminated work clothing should not be allowed out of the workplace
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

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

Take off contaminated clothing and wash it before reuse

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

INHALATION

IF INHALED: Call a POISON CENTER or doctor 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

Spill

Collect spillage

STORAGE

Store in a well-ventilated place. Keep cool

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-%
Bisphenol A diglycidyl ether - bisphenol A copolymer	25036-25-3	10 - 25
Methyl n-amyl ketone	110-43-0	5 - 10
2-Pentanone, 4-methyl-	108-10-1	5 - 10
Bisphenol A diglycidyl ether	1675-54-3	5 - 10
Xylenes (o-, m-, p- isomers)	1330-20-7	3 - 5
Acetone	67-64-1	3 - 5
Trizinc diphosphate	7779-90-0	1 - 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: Call a POISON CENTER or doctor if you feel unwell.

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, 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.

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. 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 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
Methyl n-amyl ketone 110-43-0	TWA: 50 ppm TWA: 233 mg/m ³	TWA: 50 ppm TWA: 233 mg/m ³	TWA: 50 ppm
2-Pentanone, 4-methyl- 108-10-1	TWA: 50 ppm TWA: 205 mg/m ³ STEL: 75 ppm STEL: 307 mg/m ³	TWA: 50 ppm TWA: 205 mg/m ³ STEL: 75 ppm STEL: 307 mg/m ³	STEL: 75 ppm TWA: 20 ppm
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 80 ppm TWA: 350 mg/m ³ STEL: 150 ppm STEL: 655 mg/m ³	TWA: 50 ppm TWA: 217 mg/m ³	STEL: 150 ppm TWA: 100 ppm
Acetone 67-64-1	TWA: 500 ppm TWA: 1185 mg/m ³ STEL: 1000 ppm STEL: 2375 mg/m ³	TWA: 500 ppm TWA: 1185 mg/m ³ STEL: 1000 ppm STEL: 2375 mg/m ³	STEL: 500 ppm TWA: 250 ppm

Biological Limit Values:.

Chemical name	Australia	New Zealand
2-Pentanone, 4-methyl- 108-10-1		2 mg/L urine end of shift MIBK
Xylenes (o-, m-, p- isomers) 1330-20-7		1.5 g/L urine end of shift Methylhippuric acid
Acetone 67-64-1		50 mg/L urine end of shift Acetone

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

Physical State	Liquid
Appearance	No information available
Odour	Solvent
Colour	Beige
Odour threshold	No information available
PH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	56.05 °C / 133 °F
Flash Point	-20 °C / -4 °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	1.61
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
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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 bases. Strong oxidising agents. Strong reducing agents. Alkali.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Oxides of sulphur.

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Information on Likely Routes of Exposure

Eye Contact	Causes serious eye irritation.
Skin contact	May cause an allergic skin reaction. CAUSES SKIN IRRITATION.
INGESTION	Not applicable.
INHALATION	Not applicable.

Numerical Measures of Toxicity - Product Information

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

ATEmix (oral)	6,270.00 Mg/kg
ATEmix (dermal)	25,371.00 Mg/kg
ATEmix (inhalation-dust/mist)	7.70 Mg/l
ATEmix (inhalation-vapour)	56.00 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
Bisphenol A diglycidyl ether - bisphenol A copolymer 25036-25-3	-	-	-
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg (Rat) = 1670 mg/kg (Rat)	= 12600 µL/kg (Rabbit) = 12.6 mL/kg (Rabbit)	2000 - 4000 ppm (Rat) 6 h
2-Pentanone, 4-methyl- 108-10-1	= 2080 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	= 8.2 mg/L (Rat) 4 h
Bisphenol A diglycidyl ether 1675-54-3	= 11300 µL/kg (Rat)	= 20 g/kg (Rabbit)	-
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit)	= 5000 ppm (Rat) 4 h = 29.08 mg/L (Rat) 4 h
Acetone 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
Trizinc diphosphate 7779-90-0	> 5000 mg/kg (Rat)	-	-

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

Skin Corrosion/Irritation	CAUSES SKIN IRRITATION
Serious eye damage/eye irritation	Causes serious eye irritation
Skin Sensitisation	May cause an allergic skin reaction
Respiratory Sensitisation	Not applicable
Germ Cell Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	Not applicable
Specific target organ toxicity (single exposure)	Not applicable
Specific target organ toxicity (repeated exposure)	Not applicable
Xylenes (o-, m-, p- isomers) <i>Kidney, Liver, Nervous System</i>	

Aspiration Hazard Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic life with long lasting effects

Marine Pollutant This material meets the definition of a marine pollutant

Environmental Precautions Prevent product from entering drains.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Methyl n-amyl ketone 110-43-0		126 - 137 mg/L <i>Pimephales promelas</i> 96h LC50	

2-Pentanone, 4-methyl- 108-10-1	= 400 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50	496 - 514 mg/L <i>Pimephales promelas</i> 96h LC50	= 170 mg/L <i>Daphnia magna</i> 48h EC50
Xylenes (o-, m-, p- isomers) 1330-20-7		> 780 mg/L <i>Cyprinus carpio</i> 96h LC50 = 780 mg/L <i>Cyprinus carpio</i> 96h LC50 23.53 - 29.97 mg/L <i>Pimephales promelas</i> 96h LC50 7.711 - 9.591 mg/L <i>Lepomis macrochirus</i> 96h LC50 = 19 mg/L <i>Lepomis macrochirus</i> 96h LC50 13.1 - 16.5 mg/L <i>Lepomis macrochirus</i> 96h LC50 13.5 - 17.3 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 2.661 - 4.093 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 = 13.4 mg/L <i>Pimephales promelas</i> 96h LC50 30.26 - 40.75 mg/L <i>Poecilia reticulata</i> 96h LC50	= 3.82 mg/L water flea 48h EC50 = 0.6 mg/L <i>Gammarus lacustris</i> 48h LC50
Acetone 67-64-1		4.74 - 6.33 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 6210 - 8120 mg/L <i>Pimephales promelas</i> 96h LC50 = 8300 mg/L <i>Lepomis macrochirus</i> 96h LC50	12600 - 12700 mg/L <i>Daphnia magna</i> 48h EC50 10294 - 17704 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)
Methyl n-amyl ketone 110-43-0	1.98
2-Pentanone, 4-methyl- 108-10-1	1.19
Xylenes (o-, m-, p- isomers) 1330-20-7	3.15
Acetone 67-64-1	-0.24

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

14.1 UN/ID no	IMDG UN1263	ADG UN1263	IATA UN1263
14.2 Proper Shipping Name	Paint	Paint	Paint
14.3 Hazard class	3	3	3

14.4 Packing group	II	II	II
14.5 Environmental hazard			
Marine Pollutant	This material meets the definition of a marine pollutant		
Marine Pollutant	Bisphenol A diglycidyl ether , Trizinc diphosphate		
14.6 Special Provisions	163, 367	163, 367	A3, A72, A192
	EmS-No		
	F-E, S-E		
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE			No information available
HAZCHEM Code:	3YE		

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 0944 F: +64 7847 0932 E: info@dbnz.co.nz www.dbnzcoatings.co.nz
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Prepared by Product Stewardship

Revision Date 09-Oct-2020

Revision note Not applicable.

Disclaimer

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End of Safety Data Sheet