Safety Data Sheet

Revision Date 15-Oct-2020 Version 20 Supercedes Date: 27-Sep-2020

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

1.1. Product Identifier

Product code 888C88

Product name 888C88 BINDER

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 1
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Acute aquatic toxicity	Category 3
Flammable liquids	Category 3

Label elements



Signal word

DANGER

Contains 1-Butanol, Isobutyl alcohol, n-Butyl acetate, Xylenes (o-, m-, p- isomers)

HAZARD STATEMENTS

Flammable liquid and vapour CAUSES SKIN IRRITATION

Causes serious eye damage

May cause damage to organs through prolonged or repeated exposure

Harmful to aquatic life

May cause respiratory irritation

May cause drowsiness or dizziness

PREVENTION

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

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

Immediately call a POISON CENTER or doctor/physician

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
n-Butyl acetate	123-86-4	25 - 50
Xylenes (o-, m-, p- isomers)	1330-20-7	10 - 25
Ethylbenzene	100-41-4	3 - 5
1-Butanol	71-36-3	3 - 5
Isobutyl alcohol	78-83-1	3 - 5
Butyl methacrylate	97-88-1	0.1 - 0.3
Methyl methacrylate	80-62-6	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. Immediately call a POISON CENTER or doctor/physician.

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

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.

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. 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
n-Butyl acetate	TWA: 150 ppm	TWA: 150 ppm	STEL: 150 ppm
123-86-4	TWA: 713 mg/m³ STEL: 200 ppm	TWA: 713 mg/m³ STEL: 200 ppm	TWA: 50 ppm
V 1 ()	STEL: 950 mg/m ³	STEL: 950 mg/m ³	0.751 4.50
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 80 ppm TWA: 350 mg/m³ STEL: 150 ppm STEL: 655 mg/m³	TWA: 50 ppm TWA: 217 mg/m³	STEL: 150 ppm TWA: 100 ppm
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 434 mg/m³ STEL: 125 ppm STEL: 543 mg/m³	TWA: 100 ppm TWA: 434 mg/m³ STEL: 125 ppm STEL: 543 mg/m³	TWA: 20 ppm
1-Butanol 71-36-3	Peak: 50 ppm Peak: 152 mg/m ³	Ceiling: 50 ppm Ceiling: 150 mg/m³ S*	TWA: 20 ppm
Isobutyl alcohol 78-83-1	TWA: 50 ppm TWA: 152 mg/m ³	TWA: 50 ppm TWA: 152 mg/m ³	TWA: 50 ppm
Methyl methacrylate 80-62-6	TWA: 50 ppm TWA: 208 mg/m³ STEL: 100 ppm STEL: 416 mg/m³	TWA: 50 ppm TWA: 208 mg/m³ STEL: 100 ppm STEL: 416 mg/m³ S*	STEL: 100 ppm TWA: 50 ppm

Biological Limit Values:.

Chemical name	Australia	New Zealand
Xylenes (o-, m-, p- isomers)		1.5 g/L urine end of shift Methylhippuric acid
1330-20-7		

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

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 Amber

Odour threshold
PH
No information available
No information available
No information available
No information available

Boiling point / boiling range No information available °C / °F

Flash Point 25 °C / 77 °F

Method

Evaporation RateFlammability (solid, gas)
No information available
No information available

Flammability limit in air

Upper flammability limit:
Lower flammability limit
Vapour pressure
Vapour Density

No information available
No information available
No information available

Specific gravity .94

Solubility(ies) No information available **Partition coefficient** No information available **Autoignition Temperature** No information available **Decomposition temperature** No information available Kinematic viscosity 100 mm2 per second **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

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Information on Likely Routes of Exposure

Eye ContactCauses serious eye damage.Skin contactCAUSES SKIN IRRITATION.

INGESTION Not applicable.

INHALATION May cause drowsiness or dizziness. May cause respiratory irritation.

Numerical Measures of Toxicity - Product Information

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

 ATEmix (oral)
 12,395.00 Mg/kg

 ATEmix (dermal)
 5,788.00 Mg/kg

 ATEmix (inhalation-dust/mist)
 6.30 Mg/l

 ATEmix (inhalation-vapour)
 47.00 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
n-Butyl acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
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
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (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
Isobutyl alcohol 78-83-1	= 2460 mg/kg (Rat)	= 3400 mg/kg (Rabbit)	> 6.5 mg/L (Rat)4 h
Butyl methacrylate 97-88-1	= 16 g/kg (Rat)	= 10181 mg/kg (Rabbit)	= 4910 ppm (Rat) 4 h
Methyl methacrylate 80-62-6	= 7872 mg/kg (Rat) 8420 - 10000 mg/kg (Rat)	> 5 g/kg(Rabbit)5000 - 7500 mg/kg(Rabbit)	= 7093 ppm (Rat) 4 h

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

Skin Corrosion/IrritationCAUSES SKIN IRRITATIONSerious eye damage/eye irritationCauses serious eye damage

Skin SensitisationNot applicableRespiratory SensitisationNot applicableGerm Cell MutagenicityNot applicableCarcinogenicityNot applicableReproductive toxicityNot applicable

Specific target organ toxicity (single exposure)

May cause drowsiness or dizziness May cause respiratory

irritation

Specific target organ toxicity (repeated exposure)

May cause damage to organs through prolonged or repeated

exposure

Xylenes (o-, m-, p- isomers) Kidney, Liver, Nervous System Ethylbenzene Ears

Aspiration Hazard

Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life

Chemical name	Algae/aquatic plants	Fish	Crustacea
n-Butyl acetate 123-86-4	= 674.7 mg/L Desmodesmus subspicatus 72 h EC50	= 62 mg/L Leuciscus idus 96h LC50 17 - 19 mg/L Pimephales promelas 96h LC50 = 100 mg/L Lepomis macrochirus 96h LC50	= 72.8 mg/L Daphnia magna 24h EC50
Xylenes (o-, m-, p- isomers) 1330-20-7		> 780 mg/L Cyprinus carpio 96h LC50 = 780 mg/L Cyprinus carpio 96h LC50 23.53 - 29.97 mg/L Pimephales promelas 96h LC50 7.711 - 9.591 mg/L Lepomis macrochirus 96h LC50 = 19 mg/L Lepomis macrochirus 96h LC50 13.1 - 16.5 mg/L Lepomis macrochirus 96h LC50 13.5 - 17.3 mg/L Oncorhynchus mykiss 96h LC50 2.661 - 4.093 mg/L Oncorhynchus mykiss 96h LC50 = 13.4 mg/L Pimephales promelas 96h LC50 30.26 - 40.75 mg/L Poecilia reticulata 96h LC50	= 3.82 mg/L water flea 48h EC50 = 0.6 mg/L Gammarus lacustris 48h LC50
Ethylbenzene 100-41-4	2.6 - 11.3 mg/L Pseudokirchneriella subcapitata 72 h EC50 = 4.6 mg/L Pseudokirchneriella subcapitata 72 h EC50 > 438 mg/L Pseudokirchneriella subcapitata 96 h EC50 1.7 - 7.6 mg/L Pseudokirchneriella subcapitata 96 h EC50	7.55 - 11 mg/L Pimephales promelas 96h LC50 = 4.2 mg/L Oncorhynchus mykiss 96h LC50 = 32 mg/L Lepomis macrochirus 96h LC50 11.0 - 18.0 mg/L Oncorhynchus mykiss 96h LC50 = 9.6 mg/L Poecilia reticulata 96h LC50 9.1 - 15.6 mg/L Pimephales promelas 96h LC50	1.8 - 2.4 mg/L Daphnia magna 48h 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
Isobutyl alcohol 78-83-1	= 230 mg/L Desmodesmus subspicatus 48 h EC50	1480 - 1730 mg/L Lepomis macrochirus 96h LC50 = 375 mg/L Pimephales promelas 96h LC50 1120 - 1520 mg/L Oncorhynchus mykiss 96h LC50 1370 - 1670 mg/L Pimephales promelas 96h LC50	1070 - 1933 mg/L Daphnia magna 48h EC50 = 1300 mg/L Daphnia magna 48h EC50
Butyl methacrylate 97-88-1	= 57 mg/L Pseudokirchneriella subcapitata 96 h EC50	= 11 mg/L Pimephales promelas 96h LC50	= 32 mg/L Daphnia magna 48h EC50
Methyl methacrylate 80-62-6	= 170 mg/L Pseudokirchneriella subcapitata 96 h EC50	> 79 mg/L Oncorhynchus mykiss 96h LC50 243 - 275 mg/L Pimephales promelas 96h LC50 125.5 - 190.7 mg/L Pimephales promelas 96h LC50 170 - 206 mg/L Lepomis macrochirus 96h LC50	= 69 mg/L Daphnia magna 48h EC50

	153.9 - 341.8 mg/L Lepomis macrochirus 96h LC50 326.4 - 426.9 mg/L Poecilia reticulata 96h LC50	
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Persistence and DegradabilityNo information available.BioaccumulationNo information available.

Mobility No information available.

Chemical name	Partition Coefficient (n-octanol/water)
n-Butyl acetate 123-86-4	1.81
Xylenes (o-, m-, p- isomers) 1330-20-7	3.15
Ethylbenzene 100-41-4	3.2
1-Butanol 71-36-3	0.785
Isobutyl alcohol 78-83-1	0.79
Butyl methacrylate 97-88-1	2.26
Methyl methacrylate 80-62-6	0.7

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.

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	3	3	3
14.4 Packing group	III	III	III
14.5 Environmental hazard			
14.6 Special Provisions	163, 223, 367 955 EmS-No F-E, S-E	163, 223, 367	A3, A72, A192
14.7 Transport in Bulk Accordin	the IBC CODE	lo information available	

HAZCHEM Code: 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 **NZIOC** - New Zealand Inventory of Chemicals

All components are listed or exempt from listing 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

VBNZ Coatings Limited
6 Killarney Lane
Hamilton 3243
New Zealand
T: +64 7847 0944 F: +64 7847 0932

F: +612 43684215 www.dbnzcoatings.co.nz

www.valsparautomotive.com.au

Prepared by Product Stewardship

Revision Date 15-Oct-2020

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