



New Zealand Safety Data Sheet Coverpage

This page provides additional New Zealand specific information for this product, and must be read in conjunction with the Safety Data Sheet (SDS) attached.

Product identifier

Product name : 8345511 Green AD
Product code : BP440146

Details of manufacturer or importer or Supplier

Supplier

Chemiplas
Suite 14255 Level G
26 Hobson Street
Auckland Central
Auckland 1010
New Zealand
T +64 (9) 361 4060

Emergency phone number

Emergency number **CareChem 24x7 : ASIA : +65 3158 1074 (Incl. Australia & New Zealand) | EUROPE: +44 1235 239670 | USA: +1 202 464 2554 | CANADA: +1 800 579 7421 (Toll Free) | MOROCCO : +44 1235 239671 | REST OF THE WORLD : +44 1865 407333 (English only)**

Safety, health and environmental regulations

NZIoC (New Zealand Inventory of Chemicals):

The substance is listed on the New Zealand Inventory of Chemicals.

Hazardous Substances and New Organisms Act

HSNO Approval Number: HSR002670

Group standard: Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020 Classification as per Section 2

Certified handler information Certified Handler is not required for the Product.

ADR Classification: Not classified as Dangerous Goods According to ADR

UN Number: N/A Hazchem Code: N/A

Class: N/A

Packaging group: N/A

Marine Pollutant: No

Proper Shipping Name: N/A

Special transport precautions : Product does not require tracking.

SAFETY DATA SHEET

8345511 GREEN AD

Specification: 000000146879

Revision date:
18-February-2025

Version number: 08



Section 1 - Identification

Product identifier 8345511 GREEN AD

Other means of identification

SAP Specification 000000146879

Recommended use of the chemical and restrictions on use

Recommended use Colorant

Restrictions on use Not available.

Details of manufacturer or importer

Company Chromaflo Technologies Australia Pty Ltd
30, Commercial Drive
Dandenong, Vic. 3175
Australia

General Enquires

Telephone +61 3 9703-8888

Email ehs_apac@vibrantz.com

Website www.vibrantz.com

24 Hour Emergency (3E)

Telephone Numbers

Australia +61 1800 686 951
New Zealand +64 800 451 719
China +86 4001 2001 74
Asia Pacific +1-760-476-3690

3E CONTRACT # 12154

3E ACCESS CODE 334294

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

Physical hazards Not classified.

Health hazards Sensitization, skin

Category 1A

Label elements, including precautionary statements

Hazard symbol(s)



Exclamation
mark

Signal word Warning

Hazard statement(s) May cause an allergic skin reaction.

Precautionary statement(s)

Prevention Avoid breathing mist/vapours. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Response IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage	Store away from incompatible materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental information	None.
Other hazards which do not result in classification	None known.

Section 3 - Composition and information on ingredients

Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
C.I. Pigment green 7	1328-53-6	40 - < 50
Kaolin	1332-58-7	3 - < 5
2-Methyl-2H-isothiazol-3-one	2682-20-4	< 0.1
Acrylic acid	79-10-7	< 0.1
Other components below reportable levels		50 - < 60

Section 4 - First aid measures

Description of necessary first aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
Symptoms caused by exposure	May cause an allergic skin reaction. Dermatitis. Rash.
Medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Section 5 - Firefighting measures

Extinguishing media

Suitable extinguishing equipment	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing equipment	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Hazchem code	None.
General fire hazards	No unusual fire or explosion hazards noted.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
For emergency responders	Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapours. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. 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.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and storage**Precautions for safe handling**

Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 - Exposure controls and personal protection**Control parameters**

Follow standard monitoring procedures.

Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value	Form
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Acrylic acid (CAS 79-10-7)	TWA	5.9 mg/m3 2 ppm	Inhalable dust.
Kaolin (CAS 1332-58-7)	TWA	10 mg/m3	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
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Acrylic acid (CAS 79-10-7)	TWA	2 ppm	Dust and mist.
C.I. Pigment green 7 (CAS 1328-53-6)	TWA	1 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	0.2 mg/m3	Fume.
		2 mg/m3	Respirable fraction.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
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Acrylic acid (CAS 79-10-7)	STEL	59 mg/m3	Respirable dust.
		20 ppm	
	TWA	29 mg/m3	
		10 ppm	
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
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2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)	TWA	0.2 mg/m3	Inhalable fraction.
Acrylic acid (CAS 79-10-7)	TWA	30 mg/m3	Inhalable dust.
		10 ppm	
Kaolin (CAS 1332-58-7)	TWA	4 mg/m3	

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines**US ACGIH Threshold Limit Values: Skin designation**

Acrylic acid (CAS 79-10-7)

Danger of cutaneous absorption

Control banding

Not available.

Engineering controls	Good general ventilation 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.
Individual protection measures, such as personal protective equipment (PPE)	
Eye/face protection	Wear safety glasses with side shields (or goggles). Face shield is recommended.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Individual protection measures, for example personal protective equipment (PPE)	
Individual protection measures, such as personal protective equipment (PPE)	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	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. Contaminated work clothing should not be allowed out of the workplace.

Section 9 - Physical and chemical properties

Physical state	Liquid.
Form	Liquid.
Colour	Green
Odour	slight
Odour threshold	Not available.
pH	> 8 - < 10 estimated
Melting point/freezing point	Not available, we do not measure this characteristic as part of our quality control.
Boiling point and boiling range	>100 °C (>212 °F) estimated
Flash point	>100.00 °C (>212.00 °F) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower explosive limits	
Explosion limit - lower (%)	Not available.
Explosion limit - upper (%)	Not available.
Vapour pressure	Not available, we do not measure this characteristic as part of our quality control.
Vapour density	Not available, we do not measure this characteristic as part of our quality control.
Relative density	Not available.
Solubility	
Solubility (water)	Not available, we do not measure this characteristic as part of our quality control.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available, we do not measure this characteristic as part of our quality control.
Viscosity	Not available.
Particle characteristics	Not available, we do not measure this characteristic as part of our quality control.
Data relevant with regard to physical hazard classes	No relevant additional information available.
Other physical and chemical parameters	
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Specific gravity	> 1.2 - < 1.4 estimated

Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
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Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Peroxides. Phenols.
Hazardous decomposition products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on possible routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Early onset symptoms related to exposure May cause an allergic skin reaction. Dermatitis. Rash.

Delayed health effects from exposure Not available.

Acute toxicity

Product	Species	Test Results
8345511 GREEN AD		
<u>Acute</u>		
Dermal		
LD50	Rat	416771 mg/kg
Inhalation		
LC50	Rat	1646091 mg/l, 4 Hours
Oral		
LD50	Rat	41231 mg/kg
Components	Species	Test Results

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)

<u>Acute</u>		
Oral		
LD50	Rat	105 mg/kg

Acrylic acid (CAS 79-10-7)

<u>Acute</u>		
Oral		
LD50	Rat	33.5 mg/kg

Kaolin (CAS 1332-58-7)

<u>Acute</u>		
Dermal		
LD50	Rat	> 5000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitisation

Respiratory sensitisation	Not a respiratory sensitiser.
Skin sensitisation	May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

ACGIH Carcinogens

Acrylic acid (CAS 79-10-7)

Kaolin (CAS 1332-58-7)

A4 Not classifiable as a human carcinogen.

A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Acrylic acid (CAS 79-10-7)

3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

Section 12 - Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Partition coefficient

n-octanol / water (log Kow)

Acrylic acid

0.35

Mobility in soil No data available for this product.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 - Disposal considerations

Disposal methods Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 - Transport information

ADG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

Section 15 - Regulatory information

Safety, health and environmental regulations

National regulations This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

Australia Medicines & Poisons Appendix A

C.I. Pigment green 7 (CAS 1328-53-6)

Australia Medicines & Poisons Appendix B

Kaolin (CAS 1332-58-7)

Australia Medicines & Poisons Appendix F

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)

Australia Medicines & Poisons Schedule 4

C.I. Pigment green 7 (CAS 1328-53-6)

Australia Medicines & Poisons Schedule 5

C.I. Pigment green 7 (CAS 1328-53-6)

Australia Medicines & Poisons Schedule 6

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)

C.I. Pigment green 7 (CAS 1328-53-6)

Australia National Pollutant Inventory (NPI): Threshold quantity

Acrylic acid (CAS 79-10-7)

10 tonnes/yr Threshold Category: 1

C.I. Pigment green 7 (CAS 1328-53-6)

10 tonnes/yr Threshold Category: 1

High Volume Industrial Chemicals (HVIC)

Acrylic acid (CAS 79-10-7)

1000 - 9999 TONNES See the regulation for additional information.

Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

C.I. Pigment green 7 (CAS 1328-53-6)

2000 tonnes/yr Threshold Category: 2B

Kaolin (CAS 1332-58-7)

2000 tonnes/yr Threshold Category: 2B

400 tonnes/yr Threshold Category: 2A

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

International regulations**Stockholm Convention**

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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).

Section 16 - Any other relevant information**Issue date** 07-October-2015**Revision date** 18-February-2025**Key abbreviations or acronyms used** AICIS: Australian Inventory of Industrial Chemicals.

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Revision information

Product and Company Identification: Product and Company Identification

Toxicological Information: Toxicological Data