

Safety Data Sheet



DURALLOY CRI CEILING WHITE MATT 20KG	2721296M-20KGS	9300611560728
DURALLOY EARLY SPRING GLOSS	2726221G-20KGS	9300611517920
DURALLOY EFFECTA ORANGE BROWN SATIN	27289091-20KGS	9300611336835
DURALLOY GJ PEARL WHITE GLOSS	2721314G-20KGS	
DURALLOY GRAPHITE GREY GLOSS - 20KGS	2727065G-20KGS	9300611465214
DURALLOY HERITAGE GREEN MKII GLOSS 20KG	27289725-20KGS	9300611342195
DURALLOY HILLSIDE GREEN GLOSS	2726109G-20KGS	9300611476012
DURALLOY HITACHI EXTERNAL GREY GLOSS	2727374G-20KGS	9300611508058
DURALLOY HITACHI INTERNAL GREY GLOSS	2727373G-20KGS	9300611508072
DURALLOY HITACHI ORANGE GLOSS	2724177G-20KGS	9300611508096
DURALLOY HORIZON BLUE GLOSS 20KG	27233344-20KGS	9300611316073
DURALLOY JET STREAM GREEN 20KG	2726258G-20KGS	9300611529558
DURALLOY METROPOLIS SKY PEARL GLOSS 20KG	27284683-20KGS	9300611314970
DURALLOY MID GREY G.2	27258710-20KGS	9300611523891
DURALLOY MIST WHITE GLOSS	27285205-20KGS	9300611478610
DURALLOY NDF BEIGE GLOSS	2723084G-20KGS	9300611481092
DURALLOY NEW TOYOTA WHITE 058 20KG	2721036G-20KGS	9300611356611
DURALLOY ORO BEIGE GLOSS	2723060G-20KGS	9300611472304
DURALLOY ORO BEIGE GLOSS *	2723060G-KG	
DURALLOY PALM GREEN GLOSS 20KG	27251297-20KGS	9300611464941
DURALLOY PEARL WHITE GLOSS 20KG	2721114G-20KGS	9300611474728
DURALLOY PERIWINKLE GLOSS 20KG	27250276-20KGS	9300611315793
DURALLOY PITTWATER GREEN GLOSS	2726110G-20KGS	9300611476029
DURALLOY PSP WHITE BASE	2721059S-20KGS	9300611523884
DURALLOY RAL 9003 GLOSS	2721122G-20KGS	9300611476746
DURALLOY RAL 9003 GLOSS #	2721122G-KG	
DURALLOY SUNBURST PEARL MKII GLOSS 20KG	27289764-20KGS	9300611343451
DURALLOY TASMAN GREEN GLOSS	2726154G-20KGS	9300611490803
DURALLOY TEAL GLOSS 20KG	2726133G-20KGS	9300611486561
DURALLOY TOLL GREEN GLOSS	2726081G-20KGS	9300611465405
DURALLOY TOLL GREEN GLOSS *	2726081G-KG	
DURALLOY TOYOTA WHITE 040 *	2721096G-KG	
DURALLOY TOYOTA WHITE 040 20KG	2721096G-20KGS	9300611468642
DURALLOY WHITE BIRAPIDCUREH GLOSS 20KG	2722057G-20KGS	9300611465184
DURALLOY WIZARD GLOSS 20KG	27250283-20KGS	9300611315731
DURALLOY XT RED EARTH GLOSS	2724218G-20KGS	9300611526557
DURALLOY YELLOW MW61 GLOSS	2722069G-20KGS	9300611472168
DURALLOY-APO GREY GL-20KG	27289043-20KGS	9300611327581
DURALLOY-AUSFLOW GREEN GLOSS-20KG	27288727-20KGS	9300611326324
DURALLOY-BALKAN BLUE GREY GLOSS-20KG	27288981-20KGS	9300611327604
DURALLOY-C/B GUNMETAL GREY SATIN	27289124-20KGS	9300611337047
DURALLOY-CHARCOAL MET PEARL GLOSS-20KG	27218796-20KGS	9300611316240
DURALLOY-CHOCOLATE CAKE-20KG	27289108-20KGS	9300611331946
DURALLOY-CROWN BRIGHT BEIGE GLOSS	27289745-20KGS	9300611342713
DURALLOY-DEEP BAMBOO P13D7 GLOSS	27289596-20KGS	9300611341723
DURALLOY-EFFECTA RED BROWN GLOSS-20KG	27289092-20KGS	9300611331717
DURALLOY-G22 SERPENTINE GLOSS-20KG	27282466-20KGS	9300611324535
DURALLOY-MILL FLOUR GLOSS-20KG	272PW2B6-20KGS	9300611329851
DURALLOY-PEARL WHITE (TRIAL) -20KG	2721053G-20KGS	
DURALLOY-PRECIOUS ONYX PEARL GLOSS-20KG	27252052-20KGS	9300611315601
DURALLOY-PRECIOUS ONYX PEARL SATIN-B	27252052-B	
DURALLOY-PRECIOUS STEEL PEARL SATIN-20KG	27257127-20KGS	9300611315588
DURALLOY-PRIMROSE GLOSS-B	27284365-B	
DURALLOY-RIVERGUM BEIGE GLOSS-B	27236991-B	
DURALLOY-SERENE PRIMROSE	27288177-20KGS	9300611319951
DURALLOY-TOYO WHITE 058 GLOSS-20KG	27288726-20KGS	9300611325815
DURALLOY-TREND CHARCOAL MET GLOSS-20KG	27289114-20KGS	9300611336750
DURALLOY-WHITE BIRCH GLOSS-B	27237131-B	
DURALLOY-WIZARD GLOSS-B	27250283-B	
EFFECTA ORANGE BROWN SATIN *	27289091-KG	
EFFECTA RED BROWN GLOSS #	27289092-KG	

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Dulux®

POWDER COATINGS

FAIR BIANCA (PN1H3) #	2722211S-KG
FRENCH CHAMPAGNE	2723189K-KG
G22 SERPENTINE GLOSS *	27282466-KG
GLOBAL 1014 #	2723181S-KG
GRAPHITE GREY GLOSS *	2727065G-KG
GRAPHITE GREY SATIN	2727065S-KG
GUTTER CHARCOAL	2727661S-KG
HERITAGE GREEN MK II *	27289725-KG
HITACHI EXTERNAL GREY GLOSS #	2727374G-KG
HORIZON BLUE #	27233344-KG
IKEA LIGHT GREY GLOSS *	2727094G-KG
ISUZU WHITE GLOSS *	2721072G-KG
LIGHT COCOA PEARL GLOSS *	2728039Q-KG
MALI #	2728278S-KG
MATT HEADLAND #	27284615-KG
METALLISED BRASS PEARL *	2728038Q-KG
METROPOLIS SILVER GLO PEARL GLOSS *	27284623-KG
METROPOLIS SKY PEARL *	27284683-KG
MILDURA SATIN #	2726333S-KG
MIST WHITE GLOSS #	27285205-KG
MOBY WHITE GLOSS *	2727144G-KG
MULGA GLOSS *	27289096-KG
MUNCHKIN GLOSS	2726361G-KG
MUNSEL GREY 6PB3/3	2725314S-KG
NATURAL GREY SATIN	2727659Q-KG
NEW BODY SHOP GREEN	2726360M-KG
NEW TOYOTA WHITE 058 *	2721036G-KG
OLD MAUVE GLOSS	27251032-KG
PALLADIUM SILVER KINETIC *	2727136K-KG
PEARL WHITE GLOSS #	2721114G-KG
PERIWINKLE GLOSS #	27250276-KG
PG2F9 MUNDI SATIN #	2725292S-KG
PRECIOUS ONYX PEARL GLOSS *	27252052-KG
PRECIOUS SILVER PEARL *	27257225-KG
PRECIOUS SILVER PEARL KINETIC *	2727043K-KG
PRECIOUS STEEL PEARL SATIN *	27257127-KG
PW DURALLOY PALM GREEN GL	27251297-KG
PW DURALLOY YLW MW61 GL	2722069G-KG
SCI ABSOLUTE SILVER *	2727238K-KG
SNOWFLAKE BLUE	2725316S-KG
SUNBURST PEARL MKII *	27289764-KG
SYN GREY SATIN	2727641S-KG
TANAMI BEIGE #	2728259G-KG
TEAL GLOSS #	2726133G-KG
TEAL SATIN #	2726133S-KG
TOYO WHITE 058 GLOSS	27288726-KG
WEST WHITE GLOSS *	2721007G-KG
WISTOW SATIN #	2727587S-KG
WIZARD GLOSS #	27250283-KG
Y24 STRAW #	2722213S-KG
Y52 CHAMOIS #	2723188S-KG
YARRA BEIGE GLOSS	2723192G-KG
GREY BEIGE	2723215S-KG
RAL 8023 ORANGE BROWN	2728324S-KG
WOODEN DECK	2728323S-KG
RAL 6001 EMERALD GREEN	2726164S-KG
TRUE HEART	2724336S-KG
COLZA YELLOW	2722227S-KG
ASSALT	2725348S-KG
FIR GREEN	2726402S-KG
BRUSH	2726027S-KG

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Dulux®

POWDER COATINGS

STEEL BLUE	2725347S-KG
RAL 7030 STONE GREY	2727709S-KG
MOROCCO TAN	2728336S-KG
BALTIC BEIGE	2727730S-KG
HANSON BLUE GLOSS	2725355G-KG
Y54 OATMEAL SATIN	2723220S-KG
AQUA B25 GLOSS	27251860-KG
PROCESS BLUE SATIN	2725056S-KG
THREADBO WHITE 2	2721333G-KG

Recommended use: Powder coating. Applied by electrostatic spray. Hazardous formulation variants.

Supplier: Dulux Powder & Industrial Coatings, a division of DuluxGroup (New Zealand) Pty Ltd
Company No.: 55 133 404 118 / Co. 2355191
Street Address: 150 Hutt Park Road
Lower Hutt
New Zealand
Telephone: 0800 800 975

Emergency Telephone number: Australia – 1800 220 770; New Zealand – 0800 220 770

2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of EPA New Zealand.

EPA Group Standard: HSR002670 - Surface Coatings and Colourants (Subsidiary Hazard) Group Standard



Signal Word

Warning

Hazard Classification

6.5B - Substances that are contact sensitisers

Hazard Statement

H317 May cause an allergic skin reaction.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P261 Avoid breathing dust, fume, gas, mist, vapours or spray..
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing including eye/face protection and suitable respirator.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Storage Precautionary Statement

Not allocated

Product Name: 272-LINE DURALLOY

Reference No: DLXNZLEN002560

Issued: 31 March 2021

Version: 2.1

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Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
1,2,4-benzenetricarboxylic acid, tris(oxiranylmethyl) ester	7237-83-4	<1 % (w/w)
1,4-Benzenedicarboxylic acid, bis(oxiranylmethyl) ester	7195-44-0	<1 % (w/w)
Ingredients determined to be non-hazardous or below reporting limits		Balance
		<hr/> 100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: Effects may be delayed. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear safety shoes, overalls, gloves, safety glasses, dust mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Combustible material.



Fire fighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of dust.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Particulates not otherwise classified (Respirable dust)		3			

As published by WorkSafe New Zealand.

WES-TWA (Workplace Exposure Standard - Time-weighted average). The average airborne concentration of a substance calculated over an eight-hour working day.

WES-Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded at any time during any part of the working day.

WES-STEL (Workplace Exposure Standard - Short-term exposure limit). The 15-minute time weighted average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Exposures at concentrations between the WES-TWA and the WES-STEL should be less than 15 minutes, should occur no more than four times per day, and there should be at least 60 minutes between successive exposures in this range.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative



toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the WorkSafe New Zealand the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask. When using this material, use explosive dust handling controls to minimise airborne dust and eliminate all ignition sources. Keep away from heat, hot surfaces, sparks and flame; prevent the build-up of static charges with appropriate earthing of equipment and personnel.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES, DUST MASK.

Wear safety shoes, overalls, gloves, safety glasses, dust mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder
Colour:	Various
Odour:	Mild, characteristic
Solubility:	Insoluble in water.
Specific Gravity:	1.1 - 1.6
Relative Vapour Density (air=1):	N App
Vapour Pressure (20 °C):	N App
Flash Point (°C):	N App
Explosion/Flammability Limits:	20 g/m ³ - 70 g/m ³
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	N App
Viscosity:	N App
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Avoid the generation of airborne dust, ensure all potential ignition sources are eliminated, including the build-up of static charges

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: Airborne dust may result in an explosion if ignited by static discharge or other sources of ignition. Keep away from heat, hot surfaces, sparks and flame.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 5.0 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified 6.5B - Substances that are contact sensitisers.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation):

This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log K_{ow} < 4.

Ecotoxicity in the soil environment: This material has been classified as non-hazardous.

Ecotoxicity to terrestrial vertebrates: This material has been classified as non-hazardous.

Ecotoxicity to terrestrial invertebrates: This material has been classified as non-hazardous.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

- All components of this product are listed on or exempt from the New Zealand Inventory of Chemical

Safety Data Sheet



(NZIoC).

EPA Group Standard: HSR002670 - Surface Coatings and Colourants (Subsidiary Hazard) Group Standard

Approved handler	No
Location test certificate	No
Fire extinguishers	No
Signage	Yes
Emergency response	Yes
Hazardous atmosphere zone	No

16. OTHER INFORMATION

Reason for issue: Minor Text Changes

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.