

Safety Data Sheet



Hazardous Substance, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **31D Line Dulux Duramax High Performance Enamel Gloss Spray Pack**

Synonyms:

	Product Code	Bar Code
Dulux Duramax High Performance Enamel Gloss Vivid White 340G	31DD1200-340G	TBC
Dulux Duramax High Performance Enamel Gloss Black 340G	31DD1201-340G	TBC
Dulux Duramax High Performance Enamel Gloss Endless Dusk 340G	31DD1202-340G	TBC
Dulux Duramax High Performance Enamel Gloss Hot Lips 340G	31DD1203-340G	TBC
Dulux Duramax High Performance Enamel Gloss Brunswick Green 340G	31DD1204-340G	TBC
Dulux Duramax High Performance Enamel Gloss Indian Red 340G	31DD1205-340G	TBC
Dulux Duramax High Performance Enamel Gloss Antique White USA 340G	31DD1206-340G	TBC
Dulux Duramax High Performance Enamel Gloss Hog Bristle 340G	31DD1207-340G	TBC
Dulux Duramax High Performance Enamel Gloss Terracotta Chip 340G	31DD1208-340G	TBC
Dulux Duramax High Performance Enamel Gloss Bright Delight 340G	31DD1209-340G	TBC
Dulux Duramax High Performance Enamel Gloss Dandelion Yellow 340G	31DD1210-340G	TBC
Dulux Duramax High Performance Enamel Gloss Wiggle 340G	31DD1211-340G	TBC
Dulux Duramax High Performance Enamel Gloss True Blue 340G	31DD1212-340G	TBC
Dulux Duramax High Performance Enamel Gloss Passionate Blue 340G	31DD1213-340G	TBC
Dulux Duramax High Performance Enamel Gloss Smooth Chocolate 340G	31DD1214-340G	TBC
Dulux Duramax High Performance Enamel Gloss Namadji 340G	31DD1215-340G	TBC
Dulux Duramax High Performance Enamel Gloss Tranquil Retreat 340G	31DD1216-340G	TBC
Dulux Duramax High Performance Enamel Gloss Ito 340G	31DD1217-340G	TBC
Dulux Duramax High Performance Enamel Gloss Go Go Blue 340G	31DD1218-340G	TBC
Dulux Duramax High Performance Enamel Gloss Hyssop 340G	31DD1219-340G	TBC
Dulux Duramax High Performance Enamel Gloss Rich Red Violet 340G	31DD1220-340G	TBC
Dulux Duramax High Performance Enamel Gloss Velvet Violet 340G	31DD1221-340G	TBC
Dulux Duramax High Performance Enamel Gloss Grass Court 340G	31DD1222-340G	TBC
Dulux Duramax High Performance Enamel Gloss Sunshine Surprise 340G	31DD1223-340G	TBC
Dulux Duramax High Performance Enamel Gloss Fish Pond 340G	31DD1224-340G	TBC
Dulux Duramax High Performance Enamel Gloss Licked Lick 340G	31DD1257-340G	TBC

Recommended use: Aerosol spray pack paint for general small project painting.

Supplier: Dulux New Zealand, a division of
DuluxGroup (New Zealand) Pty Ltd

ABN: 55 133 404 118 / Co. 2355191

Street Address: 150 Hutt Park Road

Lower Hutt

New Zealand

Telephone: 0800 800 424

Emergency telephone number: Australia – 1800 033 111

New Zealand – 0800 734 607

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack SDS No: DLXNZLEN000216

Issued: 26 May 2015

Version: 1.0

Page: 1 of 9

Safety Data Sheet



2. HAZARDS IDENTIFICATION

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

EPA Group Standard: Aerosols (Flammable) Group Standard 2006, HSR002515



Signal Word

Danger

HSNO Hazard Classification

2.1.2A - Flammable aerosols

6.1E - Substances that are acutely toxic – Oral

6.3B - Substances that are mildly irritating to the skin

6.4A - Substances that are irritating to the eye

9.1D - Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action (H402)

Hazard Statement(s)

H222 Extremely flammable aerosol.
H303 May be harmful if swallowed.
H316 Causes mild skin irritation.
H319 Causes serious eye irritation.
H402 Harmful to aquatic life.

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
P210 Keep away from all sources of ignition - No smoking
P251 Do not pierce or burn, even after use
P264 Wash hands, face and all exposed skin thoroughly after handling
P273 Avoid release to the environment
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Storage Precautionary Statement(s)

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with regional and national regulations

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack SDS No: DLXNZLEN000216

Safety Data Sheet



DANGEROUS GOODS CLASSIFICATION

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".

Class: 2.1 Flammable Gas

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
n-Butyl acetate	123-86-4	25 - 50%
Acetone	67-64-1	10 - 30%
Dimethyl ether	115-10-6	1 - 10%
Propane	74-98-6	1 - 10%
Butane	106-97-8	1 - 10%
Propanol	67-63-0	1 - 10%
Ingredients determined to be non-hazardous	-	Balance
		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. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

Skin contact: 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, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

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 overalls, chemical goggles and impervious gloves. 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.

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack **SDS No:** DLXNZLEN000216

Issued: 26 May 2015

Version: 1.0

Page: 3 of 9

Safety Data Sheet



5. FIRE-FIGHTING MEASURES

Hazchem Code: 2YE

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

Specific hazards: Flammable liquid and flammable gas. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning 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.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 49

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

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

This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

Safety Data Sheet



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits:

No value assigned for this specific material by the Department of Labour New Zealand.

However for:

	WES - TWA		WES - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
n-Butyl acetate	150	713	200	950	-	-
Acetone	500	1,185	1,000	2,375	-	-
Dimethyl ether	400	766	500	958	-	-
Propane	-	-	-	-	-	Asphyxiant
Butane	800	1,900	-	-	-	-
Propanol	400	983	500	1,230	-	-

As published by the Department of Labour New Zealand.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute 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 changes, 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.

Asphyxiant - gases which can lead to reduction of oxygen concentration by displacement or dilution. The minimum oxygen content in air should be 18% by volume under normal atmospheric pressure.

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 “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” 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. A component of this material is an asphyxiant gas which can lead to the reduction of oxygen concentration by displacement or dilution. The minimum oxygen content in air should be 18% by volume under normal atmospheric pressure. Keep containers closed when not in use.

Personal protection equipment: C: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. 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.

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack SDS No: DLXNZLEN000216

Issued: 26 May 2015

Version: 1.0

Page: 5 of 9

Safety Data Sheet



If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

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 skin and eye contact and inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured aerosol with solvent odour.

Solubility:	Insoluble in water. Soluble in organic solvents.
Density (20 °C):	0.83
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	5,200 hPa
Flash Point (°C):	N Av
Flammability Limits (%):	LEL – 1.2; UEL – 18.6
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	N App
Viscosity:	N Av
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

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

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

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

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. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack **SDS No:** DLXNZLEN000216

Safety Data Sheet



exposure is prolonged, unconsciousness. A component of this material is an asphyxiant; exposure to high concentrations can cause suffocation.

Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lungs and causing subsequent complications.

Eye contact: An eye irritant.

Acute toxicity

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

Skin contact: This material has been classified as non-hazardous.

Ingestion: This material has been classified as a Category 6.1E Hazard.
Acute toxicity estimate (based on ingredients): 2,000 – 5,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 6.4A Hazard (reversible effects to eyes).
Skin: this material has been classified as a Category 6.3B Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser.
Skin: this material has been classified as not a respiratory sensitiser.

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 a Category 9.1D Hazard.
Acute toxicity estimate (based on ingredients): 10 - 100 mg/L

Long-term aquatic hazard: No information is available to complete an assessment.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack **SDS No:** DLXNZLEN000216

Issued: 26 May 2015

Version: 1.0

Page: 7 of 9

Safety Data Sheet



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

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".

UN No: 1950
Dangerous Goods Class: 2
Packing Group: Not allocated
Hazchem Code: 2YE
Emergency Response Guide No: 49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 1950
Dangerous Goods Class: 2
Packing Group: Not allocated

Proper Shipping Name: AEROSOLS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1950
Dangerous Goods Class: 2
Packing Group: Not allocated

Proper Shipping Name: AEROSOLS, FLAMMABLE

Product name: 31D-Line Dulux Duramax High Performance Enamel Gloss Spray Pack **SDS No:** DLXNZLEN000216

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)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Reason(s) For Issue: First Issue.

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

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since DuluxGroup (Australia) Pty Ltd and DuluxGroup (New Zealand) Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.