

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER****Product Name:** 889-07058 325g QUICK DRY FLAT BLACK SPRAYPAK**Recommended Use:** Aerosol spray paint. Packed under pressure.

**Supplier:** Dulux New Zealand  
**Street Address:** 150 Hutt Park Road  
 Lower Hutt, New Zealand  
**Telephone Number:** +64 4 576 6400  
**Facsimile:** + 64 4 576 6496  
**Emergency Telephone:** 0 800 734 607 (ALL HOURS)

**2. HAZARDS IDENTIFICATION**

Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

**Subclasses:** Subclass 2.1.2 Category A - Flammable Aerosols.  
 Subclass 6.1 Category D - Substances which are acutely toxic.  
 Subclass 6.3 Category B - Substances that are mildly irritating to the skin.  
 Subclass 6.4 Category A - Substances that are irritating to the eye.  
 Subclass 6.8 Category B - Substances that are suspected human reproductive or developmental toxicants.  
 Subclass 6.9 Category B - Substances that are harmful to human target organs or systems.  
 Subclass 9.1 Category B - Substances that are ecotoxic in the aquatic environment.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components / CAS Number	Proportion	Risk Phrases
Acetone 67-64-1	30-60%	R11 R36 R66 R67
Pigments -	10-<30%	-
Synthetic polymer(s) -	10-<30%	-
Xylene 1330-20-7	10-<30%	R10 R20/21 R38
Propellant (propane/butane) -	10-<30%	R12
Mineral turpentine -	1-<10%	R10, R38, R65
Ingredients determined not to be hazardous	to 100%	-

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## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

**Inhalation:** Remove victim from area of 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 patient finds breathing difficult and develops a bluish discoloration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice. Seek immediate medical advice.

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

**Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

**Medical attention and special treatment:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:** Flammable gas. On burning will emit toxic fumes, including those of oxides of carbon .

**Precautions for fire fighters and special protective equipment:** Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:** Dry agent (carbon dioxide, dry chemical powder) - water MUST NOT be allowed to come into contact with substance.

**Hazchem Code:** 2YE

## 6. ACCIDENTAL RELEASE MEASURES

**Methods and materials for containment and clean up:** Shut off all possible sources of ignition. In the event of an aerosol can developing a leak, allow to fully discharge in the open air before disposal.

## 7. HANDLING AND STORAGE

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**Precautions for safe handling:** Keep out of reach of children. Avoid skin and eye contact. Ensure spray nozzle is always directed away from the user. May form flammable vapour mixtures with air. 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. Flameproof equipment is necessary in all areas where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to source of ignition and flash back.

**Conditions for safe storage:** Store in cool place and out of direct sunlight. Store away from oxidising agents. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, Workplace Exposure Standard(s) for constituent(s):

Acetone: WES-TWA 500 ppm, 1,185 mg/m<sup>3</sup>; WES-STEL 1,000 ppm, 2,375 mg/m<sup>3</sup>, bio

Butane: WES-TWA 800 ppm, 1,900 mg/m<sup>3</sup>

Propane: Simple asphyxiant-may present an explosion hazard

Xylene (o-, m-, p-isomers): WES-TWA 50 ppm, 217 mg/m<sup>3</sup>

As published by the New Zealand Occupational Safety and Health Service (OSH).

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

WES - STEL (Workplace Exposure Standard - Short Term Exposure Limits) - 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 change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both short-term and eight-hour, time-weighted average exposures should be determined.

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 to 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.

'bio' - Biological Exposure Index.

### Engineering controls:

Use in well ventilated areas. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

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## Personal Protective Equipment:

Orica Personal Protection Guide No.1,1998: NOT IN USE

No special personal protective equipment required. Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol
Solubility:	Soluble in organic solvents. Insoluble in water.
Specific Gravity:	0.8 approx.
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	-104 (propane)
Flammability Limits (%):	2.4-9.5 (propane)
Autoignition Temperature (°C):	N Av
% Volatile by Volume:	N Av
Solubility in water (g/L):	Insoluble
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	N Av
Decomposition Point (°C):	N Av
pH:	N App
Viscosity:	N Av
Evaporation Rate:	N Av

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame.
Incompatible materials:	Incompatible with oxidising agents.
Hazardous decomposition products:	Oxides of carbon.
Hazardous reactions:	None known.

## 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:

**Ingestion:** Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs. Breathing in vomit may lead to aspiration pneumonia (inflammation of the lung).

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**Eye contact:** An eye irritant.

**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.

**Inhalation:** Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. Intentional misuse by deliberately concentrating and breathing the contents can be harmful or fatal.

**Long Term Effects:**  
No information available for the product.

**Toxicological Data:**  
No LD50 data available for the product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Do not puncture or burn can when empty; contents are under pressure. If aerosol can develops a leak, allow to fully discharge before disposal. Normally suitable for disposal at approved land waste site.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

**UN No:** 1950  
**Class-primary** 2.1 Flammable Gas  
**Proper Shipping Name:** AEROSOLS  
**Hazchem Code:** 2YE

### Marine Transport

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

**UN No:** 1950  
**Class-primary:** 2.1 Flammable Gas  
**Proper Shipping Name:** AEROSOLS

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## Air Transport

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

**UN No:** 1950  
**Class-primary:** 2.1 Flammable Gas  
**Proper Shipping Name:** AEROSOLS, FLAMMABLE

## 15. REGULATORY INFORMATION

**Classification:** Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

**Subclasses:** Subclass 2.1.2 Category A - Flammable Aerosols.  
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## 16. OTHER INFORMATION

This material safety data sheet has been prepared by SH&E Shared Services, Orica.

### Reason(s) for Issue:

Format change  
Alignment to HSNO requirements

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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