QD Electrostatic Enamel

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	QD Electrostatic Enamel
Manufacturing Product Code:	Various Depending on Colors
Recommended Uses:	Industrial (Spray)
Supplier:	Omega International Coatings P/L
Street Address	111, Kurrajong Ave, Mount Druitt, NSW, 2770
Telephone Number:	(02) 9832 0000
Fax:	(02) 9677 0566
Emergency phone:	**Poison Information Center**: 13 11 26

SECTION 2- HAZARDS IDENTIFICATION

Health Hazard Classification
This product is classified as hazardous under SafeWork Australia criteria.

Hazard Category
F: Flammable; Xn: Harmful; Xi: Irritant

Risk Phrases
R11: Highly flammable.
R20/21: Harmful by inhalation and in contact with skin.
R37/R38: Irritating to skin and respiratory system.
R48: Danger of serious damage to health.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63: Possible risk of harm to the unborn child.
R65: May cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.

Safety Phrases
S2: Keep out of reach of children.
S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition – No smoking
S23: Do not breathe vapour.
S24/25: Avoid contact with skin and eyes.
S36/37: Wear suitable protective clothing and gloves.
S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%w/w)
Xylene	133020-7	10-30%
Solvent naphtha (petroleum), light aromatic	64742-95-6	30-60%
Cobalt Octoate	13586-82-8	<1%
Zirconium Octoate	22464-99-9	<1%
Ingredients determined to be non-hazardous Or below the hazardous threshold		TO 100%

Ingestion
If swallowed, do NOT induce vomiting. Give water to rinse out mouth and drink. Seek immediate medical attention.

Eye contact
Immediately flush eyes with large amount of water for at least 15 minutes. Seek immediate medical attention.

Skin contact
Immediately remove contaminated clothing including footwear. Flush thoroughly with soap and water. Seek medical attention in event of persisting skin irritations.

Inhalation
Remove victim from exposure to fresh air. Keep at rest. If breathing is difficult, administer artificial respiration. Seek immediate medical attention

First aid facilities
Provide eye baths and safety showers.

Medical attention
Treat symptomatically.

SECTION 5- FIRE FIGHTING MEASURES

Suitable extinguishing equipment
Foam, Dry Powder, CO2, Water Fog. Do not use water except as fog to cool nearby containers.

Hazards arising from combustion of product
Oxides of Carbon.

Special protective equipment and precautions for fire fighters
Wear breathing apparatus when fighting fire.

Hazchem Code: 3[Y]E

SECTION 6- ACCIDENTAL RELEASE MEASURES

Minor spill
Extinguish naked flames. And avoid sparks. Absorb with sand, sawdust or earth. Collect in drums, and arrange for disposal by a competent contractor, in accordance with local regulations.

Major spill
Extinguish naked flames and avoid sparks. Wear appropriate protective clothing and equipment. Evacuate surrounding personal. Dike area of spill, and transfer to empty drums. Residue may be absorbed with sand, sawdust or earth, and placed in drums. Arrange disposal by competent contractor, in accordance with local regulations.

SECTION 7- HANDLING AND STORAGE

Precaution for safe handling
This product is flammable. Avoid sources of heat, naked flames and sparks. Use in well ventilated area. Use flame proof equipment. No smoking. Earth all containers to reduce the possibility of sparks from static electricity.

Conditions for safe storage
Store in a cool, well-ventilated area and place away from heat, naked flames and sparks. Keep away from oxidizing agents such as alkaline materials and strong acids. Keep container closed at all times. Keep away from food, and drink and clothing.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Entity	Cas No	Weight%	TWA[1] (ppm)	STEL[2] (ppm)
Xylene	1330-20-7	10-30%	100	150
Toluene	108-88-3	30-60%	50	150

[1] Time weighted average concentration
[2] Short-term exposure limit

Engineering controls
General mechanical ventilation or local exhaust should be suitable to keep vapour concentrations below TWA. Ventilation equipment should be explosion proof.

Personal protective equipment
Wear chemical safety glasses/goggles or face shield. Wear half face respirator, with organic vapor cartridge. Wear PVC or Nitrile chemical handling gloves.

SECTION9- PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Coloured Liquid
Odour	-	Solvent Odour
Boiling Point	^{o}C	118
Flash Point	^{o}C	30
Density @ 25^{o}C	g/ml	0.96
Flammability Limits	%(v/v)	1-7.5
Volatile content	%(w/w)	>60
Solubility in water	-	Not Soluble

SECTION 10- STABILITY AND REACTIVITY

Chemical stability
Stable at room temperature and pressure.

Conditions to avoid
Source of heat and ignition, open flames.

Incompatible materials
Not specified.

Hazardous decomposition products
Carbon oxides and other organic complexes on incomplete burning or oxidation.

Hazardous reactions
Oxidizing agents, mineral acids, halogenated organic compounds and peroxides.

SECTION 11- TOXICOLOGICAL INFORMATION

Acute effects
Ingestion
Slightly toxic. Main hazard of ingestion is aspiration of swallowed liquid into lungs, causing chemical pneumonitis.

Eye Contact
Irritating, causing redness and burning sensation.

Skin Contact
Irritating, causing redness and burning sensation.

Inhalation
Harmful by inhalation. The vapour is irritating to the upper respiratory tract. May cause nausea, dizziness and narcosis. Extreme exposure may result in unconsciousness, and possibly death.

Chronic effects
Prolonged and repeated contact with the skin may irritate, and cause dermatitis. Prolonged overexposure to the solvents (inhalation and skin contact) may cause effects to the central nervous system, liver, urinary, blood forming, cardiovascular and reproductive systems.

Toxicology information

Chemical Entity	Weight %	Oral LD_{50} (Rat) mg/kg	Dermal LD_{50} (Rat or rabbit) mg/kg	LC_{50} Inhalation (Rat) mgL^{-1}/4 hr
Xylene	10-30%	>2000	>2000	>20
Solvent naphtha (petroleum), light aromatic	30-60%	>2000	>2000	>20

SECTION 12- ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

SECTION 13- DISPOSAL CONSIDERATIONS

Do not let this product enter the environment. Dispose of this material and its container as hazardous waste. Do not pour unwanted paint or paint-related material down the drain. Keep unwanted material in sealed containers for disposal via special chemical waste collections. Empty paint containers should be left open in a well ventilated area to dry out. When dry recycle steel containers via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities check with your local council first.

SECTION 14- TRANSPORT INFORMATION

For local transportation within New Zealand refer NZS 5433:1999: For Australia refers ADG code.

UN No.	1263
Proper Shipping Name	Paint
DG Class	3
Subsidiary Risk	Not Applicable
Packing Group	II
Hazchem Code	3[Y] E

SECTION 15-REGULATORY INFORMATION

HMIS Code: 230H

SECTION 16- OTHER INFORMATION

Contact Person/Point	Apco Coatings Technical Manager Ph 02 98 32 0000 Mob 0422237710
Other Information	Principal toxic properties of this product are due to the solvent composition and vapour inhalation hazards. Abbreviations: N/A - Not Applicable N/AV - Not Available

Abbreviations:
ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS Number: Chemical Abstracts Number