



SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT(S): 900 2K BASECOAT

- 901 Black
- 902 Blue
- 903 Bright Blue
- 904 Bright Gold
- 905 Bright Red
- 906 Custard
- 907 Copper
- 910 Deep Black
- 911 Cobalt Blue
- 912 Maroon
- 913 Deep Maroon
- 914 Garnet
- 915 Green
- 916 Green Blue
- 917 Green Gold
- 918 Grey Black
- 920 Light Red Oxide
- 921 Lime
- 922 Magenta
- 925 Red Maroon
- 923 Midnight Blue
- 924 Red Gold
- 928 Turquoise
- 930 Violet
- 931 White
- 932 Yellow Gold
- 933 Yellow Ochre
- 934 Special Violet
- 935 Port Wine
- 936 Deep Blue
- 937 Special Deep Black
- 938 Special Red Maroon
- 939 HS Special Red
- 941 Reduced Black
- 942 Silk Silver
- 943 Silk Russet
- 944 Silk Gold
- 945 Silk Blue
- 946 Silk Red
- 947 Silk Green
- 948 Silk Copper
- 951 Red Yellow
- 952 Topaz
- 953 Organic Orange
- 959 Metallic Additive
- 960 Stabiliser Additive
- 961 Effect White
- 962 HS White
- 963 HS Special Yellow
- 965 Fine Metallic
- 966 Medium Metallic
- 967 Coarse Metallic
- 968 Extra Fine Silver
- 969 Fine Silver
- 970 Silver
- 971 Medium Silver
- 972 Coarse Silver
- 974 Coarse Aluminium
- 975 Extra Coarse Aluminium
- 977 Fine White Pearl
- 978 White Sparkle Pearl
- 980 Yellow Pearl
- 982 Fine Yellow Gold Pearl
- 983 Orange Pearl
- 986 Copper Pearl
- 987 Bright Russet Pearl
- 988 Fine Russet Pearl
- 989 Blue Russet Pearl
- 990 Red Blue Pearl
- 991 Fine Blue Pearl
- 992 Green Blue Pearl
- 993 Fine Green Pearl
- 995 Blue Green Pearl
- 996 Red Pearl
- 997 Fine Silver Pearl
- 998 Fine Violet Pearl

(This SDS encompasses any mixtures made from the above products.)

Supplier In Australia: Concept Paints
Address: 26 - 30 Charles Street, St Marys, Australia. 2760
Telephone Number: +61 2 96732555
Emergency Telephone: +61 2 96732555 (Monday to Friday 8am to 5pm)

Supplier In NZ: Concept Paints NZ
Address: 39 Burrows Street, Tauranga, New Zealand
Telephone Number: +64 7 557 1638
Emergency Telephone: +64 7 557 1638 (Monday to Friday 8am to 5pm)

Recommended Use: Automotive Refinish

2. HAZARDS IDENTIFICATION

Classification:

- **HAZARDOUS SUBSTANCE.**
- **DANGEROUS GOODS.** (According to the criteria of ADG Code and NZ 5433.)

CLASSIFICATION	GHS CATEGORY	NZ CATEGORY	SIGNAL WORD	HAZARD STATEMENT
Flammable Liquids	2	3.1B	Warning	Highly flammable liquid and vapour.
Acute Toxicity – Dermal	4	6.1D (Dermal)	Warning	Harmful in contact with skin.
Acute Toxicity – Oral	4	6.1D (Oral)	Warning	Harmful if swallowed.
Acute Toxicity – Inhalation	4	6.1D (Inhalation)	Warning	Harmful if inhaled.
Aspiration Hazard	1	6.1E (Aspiration Hazard)	Danger	May be fatal if swallowed and enters airways.
Skin Corrosion/ Irritation	2	6.3A	None	Causes skin irritation.
Eye Damage/ Irritation	2A	6.4A	Warning	Causes serious eye irritation.
Germ Cell Mutagenicity	1	6.6A	Danger	May cause genetic defects.
Carcinogenicity	1	6.7A	Danger	May cause cancer.
Toxic To Reproduction	2	6.8B	Warning	Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity (Single Exposure)	3	6.9 (Narcotic)	Warning	May cause drowsiness or dizziness.
Specific Target Organ Toxicity (Repeated Exposure)	2	6.9B (Repeated)	Warning	May cause damage to organs through prolonged or repeated exposure.
Hazardous To The Aquatic Environment – Long Term Hazard	2	9.1B	None	Toxic to aquatic life with long lasting harmful effects.
Exotoxic To Terrestrial Vertebrates		9.3C	None	Harmful to terrestrial vertebrates.

Hazard Symbols:



Precautionary Statements:

- Obtain special instructions for use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat/sparks/open flames/ hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilation/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- IF exposed or concerned: Get medical advice/attention.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Rinse mouth.
- DO NOT induce vomiting.
- IF ON SKIN (or hair): Remove /take off immediately all contaminated clothing. Rinse skin with water/shower.
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
- If eye irritation persists: Call a POISON CENTER or doctor/physician.
- IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- Collect spillage.
- Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- Store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity / Hazardous Component	CAS Numbers	Proportion by wt.
N-Butyl Acetate	123-86-4	30 - 60%
Titanium Dioxide	13463-67-7	30 - 60%
Methoxy Propyl Acetate	108-65-6	10 - 30%
Xylene	1330-20-7	10 - 30%
Silicon Dioxide, Chemically Prepared	112926-00-8	10 - 30%
p-Chlorobenzotrifluoride	98-56-6	10 - 30%
Solvent Naphtha (petroleum), light arom.	64742-95-6	10 - 30%
Solvent Naphtha (petroleum), heavy arom.	64742-94-5	<10%
Iron Oxide Fume	1309-37-1	<10%
Carbon Black	1333-86-4	<10%
CI Pigment Violet 23	6358-30-1	<10%
CI Pigment Yellow 83	5567-15-7	<10%
Aluminium Metal Dust	7429-90-5	<10%
White Spirits (Stoddard Solvent)	8052-41-3	<10%
Ethyl 3-Ethoxypropionate	763-69-9	<10%
Naphtha (Petroleum) Hydrotreated Heavy	64742-48-9	<10%
Methyl Isobutyl Ketone	108-10-1	<10%
Mica	12001-26-2	<10%
Graphite	7782-42-5	<10%

This product(s) also contains 0 – 60% of other ingredients which are considered non-hazardous in accordance with ASCC/NOHSC and NZ HSNO criteria.

4. FIRST AID MEASURES

Route of Exposure	First Aid Measures
Ingestion:	Give a glass of water. Do NOT induce vomiting. Place patients head downwards if vomiting occurs. Prevent it entering lungs, as aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Immediately call a POISON CENTER or doctor/physician.
Eye:	Immediately irrigate with large quantities of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Call a POISON CENTER or doctor/physician.
Skin:	Wash exposed area thoroughly with soap and water. Remove contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Inhaled:	Give fresh air, careful not to become a casualty yourself. Remove and loosen clothing. If breathing is normal make patient comfortable and keep warm till recovered. If breathing is difficult ensure the airways are clear and have a qualified person give oxygen from a face mask. If breathing has stopped commence (EAR) and if cardiac arrest has occurred, commence (CPR) and get medical advice/attention urgently.
Advice To Doctor:	Treat Symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam, Carbon Dioxide or Dry Chemical Powder.

Hazards from Combustion Products: If involved in a fire, toxic materials such as carbon monoxide, carbon dioxide, nitrogen oxide, isocyanate vapour, traces of hydrogen cyanide, hydrogen chloride gas, hydrogen fluoride gas, various chlorine and/or fluorine compounds as well as hydrocarbons may form.

Precautions for Firefighters: Heating can cause rupture of containers with explosive force. If safe do so, remove all sources of ignition and any containers from the path of the fire. Keep cool with water spray.

Firefighters should wear self contained breathing apparatus with a full face and operated in the positive pressure mode.

Hazchem Code: 3[Y]E

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: In case of an accidental release or spill, evacuate the danger area. Wear the correct Personal Protective Equipment (See section 8 of SDS). Do not breathe vapours. Extinguish all ignition sources and shut off the source of the spill. Ventilate the area.

Environmental Precautions: Avoid release to the environment by bunding or covering drains.

Containment: Contain and absorb the spill with absorbent material such as sand, soil or vermiculite. Transfer the material into drums, using non-sparking tools. Seal and label the drums. Contact the appropriate waste management authority for disposal.

7. HANDLING AND STORAGE

Precautions For Safe Handling: Wear the correct Personal Protective Equipment (See Section 8 of the SDS) when using this product. Ground the container and receiving equipment whilst using. Only use non-sparking tools and take precautionary measures against static discharge.

Only use in a well-ventilated area or preferably apply the product in a spray paint booth with an adequate exhaust system and explosion-proof electrical, ventilation, and lighting equipment.

Never eat, drink or smoke whilst handling this product. Always wash hands thoroughly after using this product and before smoking, eating, drinking or using the toilet.

Conditions For Safe Storage: Keep containers away from heat/sparks/open flames/ hot surfaces. Store containers in a well-ventilated area and away sources of ignition, oxidising agents and/or foodstuffs. Store containers in a cool place and out of direct sunlight. Keep containers tightly closed when not in use and check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

	TLV –TWA (mg/m ³)
N-Butyl Acetate	713
Titanium Dioxide	Not Available
Methoxy Propyl Acetate	274
Xylene	350
Silicon Dioxide, Chemically Prepared	2
p-Chlorobenzotrifluoride	Not Available
Solvent Naphtha (petroleum), light arom.	Not Available
Solvent Naphtha (petroleum), heavy arom.	Not Available
Iron Oxide Fume	5
Carbon Black	3
CI Pigment Violet 23	Not Available
CI Pigment Yellow 83	Not Available
Aluminium Metal Dust	10
White Spirits (Stoddard Solvent)	790
Ethyl 3-Ethoxypropionate	Not Available
Naphtha (Petroleum) Hydrotreated Heavy	Not Available
Methyl Isobutyl Ketone	205
Mica	2.5
Graphite	3

Engineering Controls: Ensure sufficient ventilation to maintain concentration below exposure standard. Only use in a well ventilated area or preferably apply the product in a spray paint booth with an adequate exhaust system. Keep containers sealed when not in use. Earth any mixing vessels when using this product.

Personal Protection: Skin contact should be avoided by wearing impervious work clothing, boots and Neoprene or PVC gloves. Eyes should be protected by chemical goggles or safety glasses fitted with side shields (Refer to AS/NZS 1337). If an inhalation risk exists, an organic vapour respirator or a self-contained breathing apparatus, with a full face and operated in the positive pressure mode, should be used. Ensure cartridges are correct for the potential air contamination (Refer to AS/NZS 1715 and 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid of any colour.
Odour:	Strong solvent odour.
pH:	Not applicable.
Vapour Pressure:	8 kPa @ 20°C
Vapour Density:	Not Available
Boiling Point Range:	96 – 165°C
Melting Point:	Not Applicable
Solubility In Water:	Not Available
Specific Gravity:	0.90 – 1.40
Flammability Limits:	1 (LEL) to 8% (UEL) by volume
Flash Point:	18°C (Closed Cup)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: Avoid all ignition sources.

Incompatible Materials: None

Hazardous Decomposition Products: If involved in a fire, toxic materials such as carbon monoxide, carbon dioxide, nitrogen oxide, isocyanate vapour, traces of hydrogen cyanide, hydrogen chloride gas, hydrogen fluoride gas and various chlorine and fluorine compounds and hydrocarbons may form.

Hazardous Reactions: Not Applicable.

11. TOXICOLOGICAL INFORMATION

There is no data available on this product itself. The following information (where available) relates to the individual ingredients of the product.

Acute Toxicity – Oral:

Ingredient	Value (LD50)	Species	GHS Category
Xylene	1590 mg/kg	Mouse	4
Solvent Naphtha (petroleum), light arom.	Not Available		4
Naphtha (Petroleum) Hydrotreated Heavy	Not Available		4
White Spirits (Stoddard Solvent)	Not Available		5
N-Butyl Acetate	3200 mg/kg	Rabbit	5

Health Effects: Harmful if swallowed.

Acute: Can result in headaches, nausea, vomiting and diarrhoea.

Chronic: May cause irritation to the mucous membranes of the digestive system. May result in damage to the liver and kidney, blood disorders and may affect the central nervous system.

Acute Toxicity – Dermal:

Ingredient	Value (LD50)	Species	GHS Category
Xylene	>1700 mg/kg	Rabbit	4
Solvent Naphtha (petroleum), light arom.	Not Available		4
Naphtha (Petroleum) Hydrotreated Heavy	Not Available		4

Health Effects: Harmful in contact with skin.

Acute: Causes skin irritation.

Chronic: May cause dermatitis and eczema.

Acute Toxicity – Inhalation:

Ingredient	Value (LC50)	Species	GHS Category
N-Butyl Acetate	~2mg/L	Rat	4
Xylene	6350 ppm	Rat	5
Solvent Naphtha (petroleum), light arom.	Not Available		5
Naphtha (Petroleum) Hydrotreated Heavy	Not Available		5

Health Effects: Harmful if inhaled.

Acute: Vapour concentrations above exposure limits may be irritating to the respiratory tract, may cause headaches and dizziness. Prolonged exposure may result in unconsciousness.

Chronic: Vapour concentrations above exposure limits may cause irritation to the mucous membranes of the respiratory system. May result in damage to the liver and kidney, blood disorders and may affect the central nervous system.

Skin Corrosion/Irritation:	GHS Category
Xylene	2
Solvent Naphtha (petroleum), light arom.	2
Naphtha (Petroleum) Hydrotreated Heavy	2
White Spirits (Stoddard Solvent)	3
N-Butyl Acetate	3

Health Effects: Causes skin irritation.

Acute: Causes skin irritation.

Chronic: May cause dermatitis and eczema.

Eye Damage/Irritation:	GHS Category
Xylene	2A
Solvent Naphtha (petroleum), light arom.	2A
Naphtha (Petroleum) Hydrotreated Heavy	2A
Methoxy Propyl Acetate	2A
N-Butyl Acetate	2A

Health Effects: Causes serious eye irritation.

Acute: Causes redness, tearing or blurred vision.

Chronic: Will cause discomfort and may cause redness, itching or blurred vision.

Respiratory or Skin Sensitation:	GHS Category
Not Available	

Health Effects:

Germ Cell Mutagenicity:	GHS Category
Solvent Naphtha (petroleum), light arom.	1
White Spirits (Stoddard Solvent)	1
Naphtha (Petroleum) Hydrotreated Heavy	1

Health Effects: May cause genetic defects.

Carcinogenicity:	GHS Category
Solvent Naphtha (petroleum), light arom.	1
White Spirits (Stoddard Solvent)	1
Naphtha (Petroleum) Hydrotreated Heavy	1

Health Effects: May cause cancer.

Toxic To Reproduction:	GHS Category
Xylene	2
Solvent Naphtha (petroleum), light arom.	2
Naphtha (Petroleum) Hydrotreated Heavy	2

Health Effects: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure):	GHS Category
N-Butyl Acetate	3

Health Effects: May cause drowsiness or dizziness.

Specific Target Organ Toxicity (Repeated Exposure):	GHS Category
Xylene	2
Solvent Naphtha (petroleum), light arom.	2
Naphtha (Petroleum) Hydrotreated Heavy	2

Health Effects: May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard	GHS Category
Solvent Naphtha (petroleum), light arom.	1
White Spirits (Stoddard Solvent)	1
Naphtha (Petroleum) Hydrotreated Heavy	1

Health Effects: May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Environmental Precautions: Avoid release to the environment, the product should not be allowed to enter drains, water courses or the soil.

There is no data available on this product itself. The following information (where available) relates to the individual ingredients of the product.

Hazardous To The Aquatic Environment – Acute Hazard:

Ingredient	Value (LC50)	Species	GHS Category
Not Available			

Effects:

Hazardous To The Aquatic Environment – Long Term Hazard:

Ingredient	Value (LC50)	Species	GHS Category
White Spirits (Stoddard Solvent)	1 - 100 mg/L	Fish	2
Xylene	8.5 mg/L 48hr	Crustacean	4
Xylene	3.3 mg/L 96hr	Fish	4
Xylene	10 mg/L 72hr	Algae	4
N-Butyl Acetate	18 mg/L 96hr	Fish	4
N-Butyl Acetate	32 mg/L 48hr	Crustacean	4
Solvent Naphtha (petroleum), light arom.	Not Available		4
Naphtha (Petroleum) Hydrotreated Heavy	Not Available		4

Effects: Toxic to aquatic life with long lasting harmful effects.

Exotoxic To Terrestrial Vertebrates:

Ingredient	Value (LD50)	Species	NZ Category
Xylene	1590 mg/kg	Mouse	9.3C
Solvent Naphtha (petroleum), light arom.	Not Available		9.3C
Naphtha (Petroleum) Hydrotreated Heavy	Not Available		9.3C

Effects: Harmful to terrestrial vertebrates.

Persistence and Degradability: No information available.

Bioaccumulative Potential: No information available.

Mobility in Soil: No information available.

13. DISPOSAL CONSIDERATIONS

Contact the relevant waste management authority. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

ADG (Land):

Shipping Name: PAINT
UN Number: 1263
Hazard Class: 3
Subsidiary Risk: Not Applicable
Packaging Group II
Hazchem 3[Y]E

NZS 5433:

Shipping Name: PAINT
UN Number: 1263
Hazard Class: 3
Subsidiary Risk: Not Applicable
Packaging Group II
Hazchem 3[Y]E

IMGD (Sea):

Shipping Name: PAINT
UN Number: 1263
Hazard Class: 3
Subsidiary Risk: Not Applicable
Packaging Group: II
Marine Pollutant: No
EmS: F-E,S-E

ICAO/IATA (Air):

Shipping Name: PAINT
UN Number: 1263
Hazard Class: 3
Subsidiary Risk: Not Applicable
Packaging Group II

15. REGULATORY INFORMATION

Poisons Schedule: Schedule 5
HSNO Group Standard: HSR002669 - Surface Coatings and Colourants
(Flammable, Toxic [6.7])

16. OTHER INFORMATION

Date of Issue: 02/07/13
Replaces Issue Dated: 23/07/12

The above information has been presented in good faith and is accurate to the best of our knowledge, at the time of preparation. All of the information supplied herein is related only to the health and safety issues of the product. Users should assume all responsibility for its use, as the conditions under which this product is used are beyond our control. For technical information on the use of this product users should consult the appropriate Technical Data Sheet.

END OF SDS