Safety Data Sheet

Hazadous Substance, Dangerous Goods

1. IDENTIFICATION

PRODUCT(S): **Haymes Industrial Coatings**
304 Satin 2K Acrylic Polyurethane

Product Code: **I304SB**

Supplier In Australia:	Henry Haymes Pty Ltd A.B.N. 14 004 201 638
Address:	Waringa Drive, Wendouree Industrial Estate, Ballarat Vic 3350
Telephone Number:	1800 033 431
Emergency Telephone:	03 5342 6200 Office Hours 7-30 to 5-30 Monday to Friday
Recommended Use:	Commercial and Industrial Coating

2. HAZARDS IDENTIFICATION

Classification:

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

CLASSIFICATION	GHS CATEGORY	SIGNAL WORD	HAZARD STATEMENT
Flammable Liquids	2	Danger	Highly flammable liquid and vapour.
Aspiration Hazard	1	Danger	May be fatal if swallowed and enters airways
Eye Damage/ Irritation	2A	Warning	Causes serious eye irritation.

Hazard Symbols:

Precautionary Statements:

- 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.
- Wash hands thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN (or hair): Remove /take off immediately all contaminated clothing. Wash skin with plenty of soap and water.
- 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: Get medical advice/attention.
- In case of fire: Use Foam, Carbon Dioxide or Dry Chemical Powder for extinction.
- Store in a well-ventilated place. Keep cool.
- Dispose of contents/container in accordance with the relevant government legislation. Normally suitable for incineration by an approved agent.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity / Hazardous Component	CAS Numbers	Proportion by wt.
Methoxy Propyl Acetate	108-65-6	10 – 30%
Solvent Naphtha (petroleum), light arom.	64742-95-6	10 – 30%
Xylene	1330-20-7	10 – 20%
Silicon Dioxide, Chemically Prepared	112926-00-8	<10%
N-Butyl Acetate	123-86-4	<10%

This product(s) also contains 30 – 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: Get medical advice/attention.
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.

Apply this 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)**
Methoxy Propyl Acetate	274
Solvent Naphtha (petroleum), light arom.	Not Available
Xylene	350
Silicon Dioxide, Chemically Prepared	2

Engineering Controls: Ensure sufficient ventilation to maintain concentration below exposure standard. Keep containers sealed when not in use. Earth any mixing vessels when using this product. Apply the product in a spray paint booth with an adequate exhaust system and explosion-proof electrical, ventilation, and lighting equipment. The sprayer must wear a self-contained breathing apparatus, with a full face and operated in the positive pressure mode. If a spray paint booth is unavailable and the product is used in a well ventilated area, then:

- the sprayer must wear a self-contained breathing apparatus, with a full face and operated in the positive pressure mode;
- the area must be well isolated from other persons, which may mean only the sprayer is at the workplace and everyone else has left. In this case, well isolated means there is no potential for anyone else at that workplace (or passing the workplace) to be exposed to the dust/fume/gas/mist/vapours/spray;
- and adequate time must be allowed after the spraying is completed before other persons can enter the workplace - e.g. the following morning.

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). When using this product, a self-contained breathing apparatus, with a full face and operated in the positive pressure mode, must be used. (Refer to AS/NZS 1715 and 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Hazy viscous liquid.
Odour:	Strong solvent odour.
Odour Threshold:	Not Available
pH:	Not Applicable.
Melting Point/Freezing Point:	Not Applicable
Boiling Point Range:	96 – 145^{o}C
Flash Point:	22^{o}C (Closed Cup)
Evaporation Rate:	0.40 – 1.00 (Butyl Acetate = 1)
Flammability:	Highly flammable liquid and vapour.
Flammability Limits:	1 (LEL) to 8% (UEL) by volume
Vapour Pressure:	1.2 kPa @ 20^{o}C
Vapour Density:	Not Available
Relative Density:	0.95 – 1.05
Solubility In Water:	Not Available
Partition Coefficient: n-octanol/water:	Not Available
Auto-ignition Temperature:	354^{o}C
Decomposition Temperature:	Not Available
Viscosity:	< 1,000 cps

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
Not Available			

Health Effects:

Acute:

Chronic:

Acute Toxicity – Dermal:

Ingredient	Value (LD50)	Species	GHS Category
Not Available			

Health Effects:

Acute:

Chronic:

Acute Toxicity – Inhalation:

Ingredient	Value (LC50)	Species	GHS Category
Not Available			

Health Effects:

Acute:

Chronic:

Skin Corrosion/Irritation: **GHS Category**
Not Available

Health Effects:

Acute:

Chronic:

Eye Damage/Irritation: **GHS Category**
Methoxy Propyl 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**
Not Available

Health Effects:

Carcinogenicity: **GHS Category**
Not Available

Health Effects:

Toxic To Reproduction: **GHS Category**
Not Available

Health Effects:

Specific Target Organ Toxicity (Single Exposure): **GHS Category**
Not Available

Health Effects:

Specific Target Organ Toxicity (Repeated Exposure): **GHS Category**
Not Available

Health Effects:

Aspiration Hazard	GHS Category
Solvent Naphtha (petroleum), light arom.	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
Not Available			

Effects:

Exotoxic To Terrestrial Vertebrates:

Ingredient	Value (LD50)	Species	NZ Category
Not Available			

Effects:

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

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:	HSR002662 - Surface Coatings and Colourants (Flammable)

16. OTHER INFORMATION

Date of Issue: : 18/02/20
Replaces Issue Dated: N/A

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