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**MATERIAL SAFETY DATA SHEET**  
**Health Safety & Environment Data**

CURRENT AS AT: January 2014  
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**IDENTIFICATION**

Hazardous according to criteria of Worksafe Australia

PRODUCT NAME:	PRO-AIR	UN No:	1263
		Hazchem:	3 Y E
		Packaging Group:	II
		Class:	3
		EPG:	14
		Poisons Schedule:	S5

PRODUCT USE: Pro-Air is a solvent based, synthetic resin coating used for application by Airbrush to suitably prepared surfaces.

**PHYSICAL DESCRIPTION/PROPERTIES:**

Appearance:	Coloured liquid
Boiling Point:	78oC
Vapour Pressure:	> 1
Specific Gravity:	0.9 – 1.0 (depending of colour)
Flash Point:	-1oC
Flammability Limits:	Lel – 1.0% Uel – 11.9%
Solubility in water:	Immiscible

HAZARDOUS INGREDIENTS:	CAS No:	PERCENT BY WEIGHT:
Lead Free Colours (Non hazardous)	Not Known-	10 – 30%
Xylene	1330-20-7	10 – 30%
Ethyl Methyl Ketone	78-93-3	30 – 60%
Synthetic Resins (Non hazardous)	Not known	10 – 30%
Additive (Non hazardous)	Not known	10 – 30%

**HEALTH HAZARD INFORMATION:**

Swallowed: May cause irritation to the mouth, throat and stomach. Harmful if swallowed.

Eyes: May cause irritation to the eyes.

Skin: May cause irritation to the skin.

Inhalation: May cause irritation to nose, throat and respiratory tract.

**HEALTH EFFECT – CHRONIC:**

Inhalation and Skin: Repeated or prolonged inhalation may lead to headaches, muscular weakness, drowsiness, vomiting, nausea and dizziness. Repeated or prolonged exposure may cause defatting of the skin and can result in dermatitis.

**FIRST AID:**

- Swallowed:** If swallowed, and only if the person is conscious, give water to drink. DO NOT induce vomiting. Seek urgent medical attention if frothing of the mouth occurs.
- Eyes:** If splashed into eyes, irrigate with copious amounts of water for at least 15 minutes. Seek medical attention if irritation persists.
- Skin:** If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. See medical attention if any irritation occurs.
- Inhalation:** If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.
- First Aid Facilities:** Clean water supply, barrier cream, soap and eye wash stations.
- Advice to Doctor:** If poisoning occurs, consult the Poisons Information Centre and have a copy of this MSDS or label available. Treat the patient symptomatically.
- Other Information:** Immerse all contaminated clothing in water for 24 hours and do not re-use until it has been laundered.

**PRECAUTIONS FOR USE:**

- Engineering Controls:** When applying Pro-Air, ensure there is adequate ventilation during the application period.
- Personal Protection:** It is advisable to wear antistatic clothing made of natural or high temperature synthetic fibre during the application period. It is advisable to wear Viton, PVC or neoprene gloves. Wear Safety glassed fitted with side shields or chemical splash goggles. Do not wear contact lenses.
- Respiratory Equipment:** If the ventilation is inadequate, the wearing of an Organic Vapour Respirator during the application period is advisable.
- Protective Equipment:** It is advisable to wear the recommended personal protective clothing as described in this MSDS.
- Flammability:** Highly flammable liquid. Avoid heat, sparks, ignition sources and naked flames. NO SMOKING during application period.

**STORAGE & TRANSPORT:**

- Storage Requirements:** Containers should be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area away from all heat, ignition sources and direct sunlight.
- Storage Regulations:** Store in accordance with the Australian Standard (AS 1940) – The storage and handling of flammable and combustible liquids.
- Transport Requirements:** Transport as per the “Australian Code for the Transport of Dangerous Goods by Road and Rail

**Spills & Disposal:**

- Spills:** Contain all spills. Prevent contamination of waterways and sewage. Remove all sources of heat and ignition. DO NOT smoke during the clean up procedure. Use sand, earth or earth non-reactive absorbent material (not sawdust) to absorb all spillages. Wash remaining residues with detergent and excess water.
- Disposal:** Collect all unwanted paint and residues in labelled and sealed containers for disposal via special waste collection services.

**FIRE/EXPLOSION HAZARD:**

May produce toxic gases including carbon monoxide if burning occurs in a confined space. On heating, containers can rupture and explode.

Fire Fighting Procedures: Evacuate all non fire-fighter personnel. Turn off all electricity and power supplies. Keep containers cool with water spray or water fog to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so.

Extinguishing Media: Carbon Dioxide (CO<sub>2</sub>), alcohol resistant foam, dry chemical, water spray and water fog. It is essential that fire fighters should wear self-contained breathing apparatus when fighting the fire.

Reactivity: Not known hazardous retains or polymerisation with occur.

Other Precautions: Immerse all unwanted rags and cloths in water prior to disposal. Do not incinerate empty containers.

**WORKSAFE CLASSIFICATION:**

Hazard Category: The hazardous rate of Pro-Air is harmful and irritating substance as defined by the current Worksafe-NOHSC documents.

Risk Phrases: Highly Flammable. Harmful by inhalation, in contact with the skin and if swallowed. Irritating to eyes, respiratory system. Harmful may cause lung damage if swallowed.

Safety Phrases: Keep away from heat and sources of ignition – NO SMOKING. Do not breathe vapour. Avoid contact with skin and eyes. Wear recommended respiratory apparatus, protective clothing, gloves and eye/face protection.

Environment: May be hazardous to the environment. Avoid contaminating waterways and sewage. Do not empty into drains.

**Toxicity:**

Substance:	Ethyl Methyl Ketone, Lead Chromate and Xylene
Oral LD50 (rat)	> 2000 milligrams/kilogram of body weight
Dermal LD50 (rabbit)	> 2000 milligrams/kilogram of body weight
Inhalation Lc50 (rat)	> 5 milligrams/Litre/4 hours of body weight

Contact: For further information, please contact POISONS INFORMATION CENTRE (Australia) 13 11 26

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