

ILLUSIONS AUSTRALIA

SAFE WORK PROCEDURE

SWP 076 – SPRAY PAINTING

1. PURPOSE AND SCOPE

Minimum requirements for safe spray painting at Illusions Australia.

Applies to approved spray application of paints and coatings in designated areas using suitable spray equipment.

2. AUTHORISATION AND COMPETENCY

Only instructed and competent workers may spray paint.

Operators must understand the product SDS, ventilation/extraction, ignition control, respiratory protection requirements, spray equipment and cleanup.

3. REQUIRED PPE

The following PPE must be worn as appropriate:

- Chemical-resistant gloves appropriate to the product.
- Eye/face protection as required.
- Protective clothing/coveralls.
- Suitable respiratory protection selected for the product and exposure, where required by the risk assessment/SDS.
- Safety footwear.

4. PRE-START CHECKS

Before commencing work, confirm that:

- Product identity and SDS are available.
- Spray area/booth ventilation is operating effectively.
- Ignition sources are controlled for flammable products.
- Spray gun, hoses and pressure controls are serviceable.
- Correct PPE is available and fitted.
- Overspray is controlled from other workers and property.
- Spill and fire controls are accessible.

5. SAFE OPERATING PROCEDURE

1. Prepare and mix coating under the relevant chemical controls.
2. Start ventilation/extraction before spraying.
3. Establish exclusion controls around the spray area.
4. Set only the pressure required for effective atomisation.
5. Test spray into a controlled area.
6. Maintain suitable gun distance and direction, spraying away from people.
7. Keep ventilation operating throughout application and required clearance time.

8. Stop if ventilation fails or excessive vapour/overspray accumulates.
9. Depressurise equipment before cleaning or nozzle work.
10. Clean equipment using approved products and dispose of residues through designated waste streams.

6. PROHIBITED PRACTICES

Workers must not:

- Spray without effective ventilation where required.
- Spray flammable products near uncontrolled ignition sources.
- Direct spray toward people.
- Use unidentified coatings or incompatible thinners.
- Clear blocked nozzles while pressurised.
- Eat, drink or smoke in spray areas.
- Discharge paint or solvent waste to drains.

7. AIRBORNE EXPOSURE

Spraying can create fine aerosol that is more readily inhaled than brushed/rolled coatings.

- Use enclosed/local extraction where practicable.
- Keep others outside the spray zone.
- Use correctly selected respiratory protection where required.

8. FIRE AND EXPLOSION

Many coating vapours are flammable.

- Control ignition sources.
- Keep containers closed.
- Maintain appropriate ventilation and fire controls.

9. FAULTS, DAMAGE AND ABNORMAL CONDITIONS

Stop for failed extraction, leaking hose, excessive vapour, fire, worker symptoms or equipment malfunction.

Isolate the area/equipment and follow SDS/site emergency arrangements.

10. SHUTDOWN AND HOUSEKEEPING

- Depressurise and isolate equipment.
- Close and label product containers.
- Clean gun/hoses safely.
- Dispose of contaminated materials correctly.
- Leave ventilation operating as required.
- Report defects/spills.

11. EMERGENCY AND INCIDENT RESPONSE

1. Stop the equipment or activity immediately.
2. Isolate the hazard or energy source where safe to do so.

3. Provide or obtain first aid as required.
4. Notify the Foreman, Leading Hand or other authorised Illusions Australia representative.
5. Call emergency services where required.
6. Do not recommence until the incident, defect or unsafe condition has been addressed.

12. STOP WORK REQUIREMENT

Work must stop where:

- Product/SDS is unknown.
- Ventilation or required PPE is unavailable.
- Ignition sources cannot be controlled.
- Equipment leaks or cannot be safely depressurised.

No production requirement or deadline takes priority over safe work.

DOCUMENT CONTROL

Document	SWP 076 – Spray Painting
Document Type	Safe Work Procedure
Prepared By	Aidan McDonnell
Approved By	Managing Director
Status	Controlled Document