

ILLUSIONS AUSTRALIA

SAFE WORK PROCEDURE

SWP 061 – PAINT MIXING

1. PURPOSE AND SCOPE

Minimum requirements for safe mixing, thinning and preparation of paints and coatings at Illusions Australia.

Applies to approved scenic paints, coatings, pigments, thinners and additives used in designated work areas.

2. AUTHORISATION AND COMPETENCY

Workers must understand product labels/SDS, incompatibilities, ventilation and spill controls.

Only products approved for workplace use may be mixed.

3. REQUIRED PPE

The following PPE must be worn as appropriate:

- Safety glasses or splash goggles where splash risk exists.
- Chemical-resistant gloves appropriate to the product.
- Protective clothing/apron where required.
- Respiratory protection only where specified by the risk assessment/SDS and supported by appropriate controls.

4. PRE-START CHECKS

Before commencing work, confirm that:

- Product identity and SDS are available.
- Containers are labelled and compatible.
- Mixing area has adequate ventilation.
- Ignition sources are controlled for flammable products.
- Required measuring/mixing tools are clean and compatible.
- Spill kit and waste containers are available.
- No incompatible chemicals will be combined.

5. SAFE OPERATING PROCEDURE

1. Read label/SDS before mixing unfamiliar products.
2. Measure only the quantity required.
3. Add components in the specified order and proportions.
4. Mix at controlled speed to minimise splashing/aerosol.
5. Keep lids on containers when not dispensing.
6. Label mixed product containers with contents as required.
7. Clean spills promptly using the approved method.
8. Dispose of contaminated rags and residues in designated waste arrangements.

6. PROHIBITED PRACTICES

Workers must not:

- Mix unidentified products.
- Mix chemicals contrary to label/SDS instructions.
- Use food/drink containers for paint or chemicals.
- Smoke or use ignition sources near flammable products.
- Create unnecessary aerosols/splashes.
- Return contaminated excess product to clean original containers unless permitted.
- Pour residues into drains unless specifically authorised.

7. FLAMMABLE VAPOURS

Some paints, thinners and solvents release flammable vapours.

- Provide ventilation.
- Eliminate ignition sources.
- Keep containers closed.

8. CHEMICAL CONTACT

Paints, hardeners, solvents and pigments may irritate or harm skin/eyes.

- Use product-appropriate gloves/eye protection.
- Wash contamination promptly.
- Follow SDS first-aid instructions.

9. FAULTS, DAMAGE AND ABNORMAL CONDITIONS

Stop for uncontrolled spill, strong unexpected vapour, incompatible reaction, damaged container or ventilation failure.

Isolate ignition sources where safe and implement spill/emergency procedures.

10. SHUTDOWN AND HOUSEKEEPING

- Seal and label containers.
- Clean tools using approved methods.
- Dispose of residues/rags correctly.
- Clean mixing area and wash hands.
- Report spills/defects.

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 identity or SDS information is unavailable.
- Ventilation is inadequate.
- Required PPE/spill controls are unavailable.
- Products may be incompatible.
- Flammable ignition sources cannot be controlled.

No production requirement or deadline takes priority over safe work.

DOCUMENT CONTROL

Document	SWP 061 – Paint Mixing
Document Type	Safe Work Procedure
Prepared By	Aidan McDonnell
Approved By	Managing Director
Status	Controlled Document