# MATERIAL SAFETY DATA SHEET

## Section 1 - Identification of the Preparation and the Company

TINTS (All Colours)

**This product is classified as hazardous according to the criteria of Safe Work Australia.**
Not Classified as a Dangerous Good according to the Australian Dangerous Goods Code (ADG).

Uses: Tint for use with Plasti Dip

**Address:**
Plastic Dips & Coatings
56 Slade Road
Bardwell Park
New South Wales 2207

**Telephone:**
Tel: (02) 9599 8858
Fax: (02) 9599 8859

Emergency Tel: 0427 974 344

## Section 2 – Hazards Identification

WARNING

Exclamation Mark

**Hazard Statements**
Combustible Liquid 4 — H227: Combustible liquid
Eye Irritant 2 — H319: Causes serious eye irritation

**Precautionary Statements**
**Prevention**
P210 Keep away from flames and hot surfaces – No smoking
P260 Do not breathe vapours
P280 Wear protective gloves and eye protection See Section 8
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
**Response**
P305 + P313 + P351 + P337 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
P370 + P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction
**Storage**
P403 + P235 Store in a well-ventilated place. Keep cool
**Disposal**
P501 Dispose of contents/container to approved landfill

## Section 3 - Composition/Information on Ingredients

| Ingredient(s) | CAS-number | %wt |
|---|---|---|
| Diacetone alcohol | 123-43-2 | 10 - 25 |
| Non-ionic, biodegradable surfactant | 68154-97-2 | 10 - 25 |
| Ingredients not classified as hazardous, including iron oxide, calcium carbonate and pigments | Not available | Balance |

## Section 4 – First Aid Measures

**Ingestion:**
NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If the person is conscious, rinse mouth out with water ensuring that mouthwash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention. For advice, contact a Poisons Information Centre (phone e.g. Australia 131 126; New Zealand 0800 764 766).
**Inhalation:**
Unlikely to be required as a result of normal use but if necessary, remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek medical attention for all but the most minor cases of over-exposure.
**Eye Contact:**
If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water. Seek medical attention. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
**Skin Contact:**
Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone, if soap is unavailable. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.
**Advice to Doctor:**
Treat symptomatically

## Section 5 – Fire Fighting Measures

Combustible. Keep away from sources of ignition such as open flames, sparks, hot surfaces or burning cigarettes. Sealed containers may explode if heated.

In case of fire, wear self-contained breathing apparatus. If possible remove containers from the vicinity of the fire. Otherwise keep containers as cool as possible by spraying with water, from a protected position.

Extinguish using carbon dioxide, dry chemical or foam. Water jets are not suitable for fire fighting

## Section 6 – Accidental Release Measures

Eliminate ignition sources. Vapours are heavier than air and may travel considerable distances to sources of ignition. Wear protective equipment as specified for handling. Increase the ventilation if it is possible to do so. Prevent entry into waterways. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and collect. Leave to stand in a well-ventilated (preferably outdoor) area where the solvent can evaporate safely. Dispose of residue to approved landfill.

## Section 7 – Handling and Storage

**Storage:**
Store out of direct sunlight in a cool well ventilated area. Higher temperatures may cause pressure build up inside containers. Protect containers against physical damage.
**Handling:**
Vapours are heavier than air and may spread along floors. In poorly ventilated areas, vapours may form flammable mixtures with air. Provide adequate ventilation. Avoid vapour concentrations above the exposure standards. Avoid inhalation of vapour and skin or eye contact. Keep away from sources of ignition – No smoking. For Personal Protective Equipment (PPE), see Section 8.

## Section 8 – Exposure Controls/Personal Protection

**Exposure standards:** Exposure standards have not been allocated to this product. Information for the ingredients is:

**Diacetone alcohol** TWA: 50 ppm, 238 mg/$m^3$

Exposure standards represent airborne concentrations of individual chemical substances, which according to current knowledge, should neither impair the health nor cause undue discomfort to nearly all workers. Exposure standard may be a time-weighted average (TWA), a short-term exposure limit (STEL) or a peak level.

**Engineering Controls:**
Product may generate vapour levels above the exposure standard in confined or poorly ventilated areas.
Ventilation requirements depend on the quantity of product in use. General (mechanical) ventilation may be adequate for minor use but ventilation must be sufficient to maintain vapour levels below the appropriate exposure standard and fan forced or local exhaust ventilation may be required if using large amounts of this product in a poorly ventilated area.

**Personal Protection:**
Safety glasses and PVC, neoprene, nitrile or butyl rubber gloves should be worn, if necessary to prevent skin or eye contact. A half face respirator with organic solvent vapour filter may be required in poorly ventilated conditions. N.B. TAKE THE LIMITS OF ABSORPTION CAPACITY INTO ACCOUNT. CHANGE FILTERS REGULARLY.

## Section 9 – Physical and Chemical Properties

**Appearance:** Paste / gel characteristic solvent odour
**Specific gravity (H20 = 1):** 1.5
**Boiling Point:** 189°C
**Solubility in Water:** Partially soluble
**Vapour Pressure:** <1mmHg @ 20°C
**Vapour density (Air = 1):** Heavier than air.
**Flash Point**: 61°C **Method)** Open Cup TAG
**Explosive limits (% By Volume in Air):** 1.8 – 6.9.
**% Volatile:** 10 - 25

## Section 10 – Stabilty and Reactivity

Stable under recommended storage and handling conditions (refer to Section 7).
If heated to decomposition or burned, the product may generate carbon monoxide, carbon dioxide and smoke.
Keep away from oxidising agents, strongly alkaline and acidic materials.

## Section 11 – Toxicological Information

**Symptoms of Exposure:**
Exposure to solvent vapour concentrations in excess of the relevant exposure standards (see Section 8) may result in adverse health effects. Symptoms of over exposure include irritation of the eyes, nose and throat, headache, drowsiness, fatigue, dizziness and in extreme cases, loss of consciousness. Prolonged contact may result in absorption through the skin.

**Chronic Health Effects**
Chronic over exposure may result in damage to the respiratory tract, kidneys, central nervous system and liver. Prolonged contact with skin may result in dermatitis.

## Section 12 – Ecological Information

**Environmental Fate:**
The solvent in this product can be expected to exist mainly in the vapour phase in the ambient atmosphere based upon its vapour pressure. The estimated atmospheric half-life for vapour phase reaction with photochemically produced hydroxyl radicals, half-life is 12 days. It is expected to have low mobility in moist soils.

**Potential to Bioaccumulate:**
No data available

## Section 13 – Disposal Considerations

Dispose by controlled incineration or to approved landfill.

## Section 14 – Transport Information

**Proper Shipping Name:** Not classified as a Dangerous Good
**UN Number**: None assigned **Class:** None assigned **Packing Group:** None assigned
**Hazchem Code:** None assigned

## Section 15 – Regulatory Information

Product is not a Scheduled Poison according to the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

## Section 16 – Other Information

User should verify applicability of this data sheet if more than 5 years old.
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