

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

### 1. Identification of Material and Supplier

**Product Name:** CRAFTSMART LIQUID GLOSS (PART A – RESIN)

**Recommended Use:** Resin component, used in conjunction with Craftsmart Liquid Gloss Part B ó Hardener to form an epoxy resin system that provides a tough, durable and high gloss coating

**Supplier:** CSA Trading Pty Ltd

**ABN:** 86 124 105 004

**Street Address:** 21-23 Joseph St  
Blackburn North  
Victoria, 3130  
Australia

**Telephone Number:** +61 3 9895 4333

**Facsimile:** +61 3 9899 4519

**Emergency Telephone:** (24 HOURS)

**Contact Poison Information Centre:** 13 11 26 (Australia) 0800 764 766 (New Zealand)

### 2. Hazards Identification

#### STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xn - Harmful Xi - Irritant N - Dangerous for the environment

#### Risk phrases:

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R68 Possible risk of irreversible effects.

#### Safety phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 Wear suitable protective clothing and gloves.

S57 Use appropriate container to avoid environmental contamination.

S60 This material and its container must be disposed of as hazardous waste.

#### Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by

Road and Rail (ADG Code).

#### Signal word:

HAZARDOUS

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

### 3. Composition/Information on Ingredients

#### Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	25068-38-6	> 60 %
Trimethylolpropane triacrylate	15625-89-5	10 - 30 %
2,3-epoxypropyl o-tolyl ether	2210-79-9	< 10 %

### 4. First-Aid Measures

<b>Ingestion:</b>	Rinse out mouth. Do not drink. Seek medical attention from a specialist.
<b>Skin:</b>	Rinse with running water and soap. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
<b>Eyes:</b>	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
<b>Inhalation:</b>	Move to fresh air, consult doctor if complaint persists.

### 5. Fire-Fighting Measures

<b>Suitable extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Improper extinguishing agent:</b>	High pressure waterjet
<b>Combustion behaviour:</b>	In case of fire toxic gases can be released.
<b>Decomposition products in case of fire:</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

### 6. Accidental Release Measures

<b>Personal precautions and emergency procedures:</b>	Avoid contact with skin and eyes. See advice in chapter 8
<b>Environmental precautions:</b>	Do not empty into drains / surface water / ground water.
<b>Clean-up methods:</b>	Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of contaminated material as waste according to Chapter 13. Wash spillage site thoroughly with soap and water or detergent solution.

### 7. Handling and Storage

<b>Precautions for safe handling:</b>	Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation. Avoid contact with eyes, skin and clothing. See advice in chapter 8 For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature.
<b>Conditions for safe storage:</b>	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

### 8. Exposure Controls / Personal Protection

<b>National exposure standards:</b>	
	None
<b>Engineering controls:</b>	Ensure good ventilation/suction at the workplace.
<b>Eye protection:</b>	Wear safety glasses with side shields.
<b>Skin protection:</b>	Wear long sleeved shirt and long trousers. The use of chemical resistant gloves such as Neoprene or Natural Rubber are recommended  Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
<b>Respiratory protection:</b>	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

### 9. Physical and chemical properties

Appearance:	colourless clear
Odor:	Epoxy
Flash point:	> 130 °C (> 266 °F)
Density:	1.10 - 1.18 g/cm <sup>3</sup>
Solubility:	Solvent: Water, Insoluble

### 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Avoid excessive heat and ignition sources.
<b>Incompatible materials:</b>	Acids. Amines. Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Hazardous polymerization:</b>	Rapid polymerization may generate excessive heat and pressure. Polymerization may occur at elevated temperature or in the presence of incompatible materials.

### 11. Toxicological Information

#### HEALTH EFFECTS:

<b>Ingestion:</b>	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
<b>Skin:</b>	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
<b>Eyes:</b>	Vapors irritate the eyes. Contact with liquid or mist will irritate the eyes.
<b>Inhalation:</b>	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
<b>Chronic effects:</b>	Toxicological studies of an ingredient in this product have shown that prolonged exposure to high vapor concentration or ingestion of high dose may cause birth defects and decreased fertility in laboratory animals.

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

**Toxicity data:**

No data available.

### 12. Ecological Information

**General ecological information:** Do not empty into drains / surface water / ground water. Toxic to aquatic organisms  
May cause long-term adverse effects in the aquatic environment.

### 13. Disposal Considerations

**Waste disposal of product:** Dispose of as hazardous waste in compliance with local and national regulations.

### 14. Transport Information

**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Marine transport IMDG:**

UN no.: 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol-A Epichlorhydrin resin)

Class or division: 9

Packaging group: III

EmS: F-A , S-F

Seawater pollutant: Marine pollutant

**Air transport IATA:**

UN no.: 3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin)

Class or division: 9

Packaging group: III

Packaging instructions (passenger): 964

Packaging instructions (cargo): 964

### 15. Regulatory Information

**SUSDP Poisons Schedule:** 5

# **CRAFTSMART LIQUID GLOSS**

## **Material Safety Data Sheet**

### **16. Other Information**

**Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code  
ASCC - Australian Safety and Compensation Council  
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

**Contact Point:** CSA Trading Pty Ltd

**Phone:** +61 3 9895 4333 (International)

**Fax:** +61 3 9899 4519 (International)

**After Hours:** Poisons Information Centre : 13 11 26 (Australia) 0800 764 766 (New Zealand)

The information and recommendations set down here in this document are presented in good faith and to the best of CSA Trading's knowledge. CSA Trading Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made hereunder with respect to the product to which this information refers.

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

### 1. Identification of Material and Supplier

**Product Name:** CRAFTSMART LIQUID GLOSS (PART B – HARDENER)

**Recommended Use:** Craftsmart Liquid Gloss Hardener component used in conjunction with Part A Resin to form an epoxy resin system that provides a tough, durable and high gloss coating.

**Supplier:** CSA Trading Pty Ltd

**ABN:** 86 124 105 004

**Street Address:** 21-23 Joseph St  
Blackburn North  
Victoria, 3130  
Australia

**Telephone Number:** +61 3 9895 4333

**Facsimile:** +61 3 9899 4519

**Emergency Telephone:** (24 HOURS)

**Contact Poison Information Centre:** 13 11 26 (Australia) 0800 764 766 (New Zealand)

### 2. Hazards Identification

#### STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of Safe Work Australia.

Classification of material C - Corrosive Xn - Harmful Xi - Irritant N - Dangerous for the environment

#### Risk phrases:

R20/22 Harmful by inhalation and if

swallowed. R34 Causes burns.

R43 May cause sensitisation by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Safety phrases:

S23 Do not breathe vapour.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S27 Take off immediately all contaminated clothing.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S60 This material and its container must be disposed of as hazardous waste.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

#### Dangerous Goods information:

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Class or division:**

8 - Corrosive

**Signal word:**

HAZARDOUS

### 3. Composition/Information on Ingredients

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Benzyl alcohol	100-51-6	30 - 60 %
3- Aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	10 - 30 %
Remainder - nolabelling~		30 - 60 %

### 4. First-Aid Measures

- Ingestion:** If material is ingested, immediately contact a physician or poison control center. Do not induce vomiting.
- Skin:** Rinse with running water and soap. If irritation persists, repeat flushing and get medical attention. Discard any shoes or clothing items that cannot be decontaminated.
- Eyes:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
- Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Delayed effects possible after inhalation. If adverse health effects develop seek medical attention.
- First Aid facilities:** Eye wash and safety shower

### 5. Fire-Fighting Measures

- Suitable extinguishing media:** Carbon dioxide, foam, powder  
Dry chemical.  
Water spray or fog.
- Improper extinguishing agent:** High pressure waterjet
- Combustion behaviour:** In case of fire toxic gases can be released.
- Decomposition products in case of fire:** Acrid smoke and fumes.  
Oxides of carbon.  
Oxides of nitrogen.



# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Hazchem code:** 2X

### 6. Accidental Release Measures

**Personal precautions and emergency procedures:** Avoid contact with skin and eyes.  
See advice in chapter 8  
Avoid inhalation of vapor, fumes, dust and/or mist from the spilled material.

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Personal precautions and emergency procedures:** Avoid contact with skin and eyes.  
See advice in chapter 8

**Clean-up methods:** Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.  
Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Absorb spill with inert material. Shovel material into appropriate container for disposal.  
Dispose of according to Federal, State and local governmental regulations.

### 7. Handling and Storage

**Precautions for safe handling:** Wear suitable protective clothing, gloves and eye/face protection. See advice in chapter 8  
Avoid contact with eyes, skin and clothing.  
Do not breathe fumes or dust from this material.

**Conditions for safe storage:** Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.  
Store away from incompatible materials.

### 8. Exposure Controls / Personal Protection

**National exposure standards:** None

**Engineering controls:** Ensure good ventilation/suction at the workplace.

**Eye protection:** Wear chemical goggles; face shield (if splashing is possible).

**Skin protection:** Use of protective coveralls and long sleeves is recommended.  
The use of nitrile-latex gloves is recommended.

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

### 9. Physical and chemical properties

Appearance:	colourless clear
Odor:	characteristic
Flash point:	> 110 °C (> 110 110 °C)
Density:	1.00 - 1.10 g/cm <sup>3</sup>
Solubility:	Solvent: Water, Slightly soluble

### 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Keep away from heat, ignition sources and incompatible materials.
<b>Incompatible materials:</b> under uncontrolled	Reaction with epoxy resins and/or isocyanates in large amounts or conditions releases considerable heat and may release acrid fumes. Oxidizing agents. Acids.
<b>Hazardous decomposition products:</b> ammonia, carbon hydrocarbons.	Upon decomposition, this product may yield oxides of nitrogen and dioxide, carbon monoxide and other low molecular weight
<b>Hazardous polymerization:</b> which in large	Reaction with some curing agents may produce an exothermic reaction masses could cause runaway polymerization.

### 11. Toxicological Information

<b>HEALTH EFFECTS:</b>	
<b>Ingestion:</b>	If ingested, severe burns of the mouth and throat may occur, as well as perforation of the esophagus and the stomach.
<b>Skin:</b>	Contact can cause severe, slow-healing burns and redness itching, pain, swelling and rash. May cause sensitization by skin contact.
<b>Eyes:</b>	Contact with liquid may produce severe eye irritation, causing severe conjunctiva

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

irritation, corneal defects and possibly permanent loss of vision.

**Inhalation:**

Inhalation of vapors or mist can cause severe irritation, tissue and scarring of the respiratory tract.

**Toxicity data:**

Acute oral toxicity:

Benzyl alcohol  
100-51-6

LD 50 (Mouse) = 1,580 mg/kg  
LD 50 (Rabbit) = 1,940 mg/kg  
LD 50 (Rat) = 3,100 mg/kg  
LD 50 (Rat) = 1,230 - 3,100 mg/kg

### 12. Ecological Information

**General ecological information:** Harmful to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.  
Do not empty into drains / surface water / ground water.

### 13. Disposal Considerations

**Waste disposal of product:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

### 14. Transport Information

**Road and Rail Transport:**

Dangerous Goods information:	Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
UN no.:	2289
Proper shipping name:	ISOPHORONEDIAMINE
Class or division:	8 - Corrosive
Packaging group:	III
Hazchem code:	2X
Emergency information:	Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.
EPG:	8A1

**Marine transport IMDG:**

UN no.:	2289
Proper shipping name:	ISOPHORONEDIAMINE

# CRAFTSMART LIQUID GLOSS

## Material Safety Data Sheet

Class or division: 8  
Packaging group: III  
EmS: F-A ,S-B  
Seawater pollutant: -

### Air transport IATA:

UN no.: 2289  
Proper shipping name: Isophoronediamine  
Class or division: 8  
Packaging group: III  
Packaging instructions (passenger) 852  
Packaging instructions (cargo) 856  
Label: 8

## 15. Regulatory Information

SUSDP Poisons Schedule: 5

## 16. Other Information

**Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code  
ASCC - Australian Safety and Compensation Council  
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

**Contact Point: CSA Trading Pty Ltd**  
**Phone: +61 3 9895 4333 (International)**  
**Fax: +61 3 9899 4519 (International)**  
**After Hours: Poisons Information Centre : 13 11 26 (Australia) 0800 764 766 (New Zealand)**

The information and recommendations set down here in this document are presented in good faith and to the best of CSA Trading's knowledge. CSA Trading Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made hereunder with respect to the product to which this information refers.