

# Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

# **SECTION 1: Identification**

#### 1.1. Product identifier

3M<sup>TM</sup> 8966UV Cyan Piezo InkJet Ink

### **Product Identification Numbers**

75-0302-6688-8

#### 1.2. Recommended use and restrictions on use

### Recommended use

Ink, For use with Durst 163TS and 163TS-HS, Professional printing ink for use in traffic safety systems.

For Industrial or Professional use only.

# 1.3. Supplier's details

Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113

**Telephone:** 136 136

E Mail: productinfo.au@mmm.com

Website: www.3m.com.au

### 1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

## **SECTION 2: Hazard identification**

This product is classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

### 2.1. Classification of the substance or mixture

Skin Corrosion/Irritation: Category 2. Serious Eye Damage/Irritation: Category 1.

Skin Sensitizer: Category 1. Carcinogenicity: Category 1B. Reproductive Toxicity: Category 1.

Specific Target Organ Toxicity (single exposure): Category 3

#### 2.2. Label elements

The label elements below were prepared in accordance with the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia, December 2011). This information may be different from the actual product label.

## Signal word

Danger

### **Symbols**

Corrosion | Exclamation mark | Health Hazard |

## **Pictograms**



#### Hazard statements

H315 Causes skin irritation. H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H360 May damage fertility or the unborn child.

H335 May cause respiratory irritation.

### **Precautionary statements**

### **Prevention:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.
P280I Wear protective gloves, eye/face protection, and respiratory protection.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor/physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

#### **Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

## Disposal:

P501 Dispose of contents/container in accordance with applicable

local/regional/national/international regulations.

## 2.3. Other assigned/identified product hazards

- May cause chemical gastrointestinal burns. A similar mixture has been tested for skin corrosion/irritation and the test results are reflected in the assigned classification.

### 2.4. Other hazards which do not result in classification

May be harmful if swallowed.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

# **SECTION 3: Composition/information on ingredients**

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Isobornyl acrylate	5888-33-5	10 - 30
Isooctyl acrylate	29590-42-9	10 - 30
Tetrahydrofurfuryl acrylate	22399-48-6	15 - 25
2-Propenoic acid, 1,6-hexanediyl ester, polymer with 2-aminoethanol	67906-98-3	7 - 13
2-Propenoic acid, 2-hydroxyethyl ester, polymer with 5-isocyanato-1- (isocyanatomethyl)-1,3,3- trimethylcyclohexane, 2-oxepanone and 2,2'-oxybis[ethanol]	72162-39-1	7 - 13
Benzophenone	119-61-9	1 - 10
1,6-Hexanediol diacrylate	13048-33-4	1 - 10
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	1 - 10
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	1 - 5
Camphene	79-92-5	< 0.2

# **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

#### Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

#### Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

#### Eye contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

## If swallowed

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

# 4.2. Most important symptoms and effects, both acute and delayed

Irritating to the respiratory tract (coughing, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain). Allergic skin reaction (redness, swelling, blistering, and itching). Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision). Target organ effects following prolonged or repeated exposure. See Section 11 for additional details.

#### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable.

# **SECTION 5: Fire-fighting measures**

### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### 5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

## **Hazardous Decomposition or By-Products**

SubstanceConditionCarbon monoxide.During combustion.Carbon dioxide.During combustion.

### 5.3. Special protective actions for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

Hazchem Code: •3Z

# **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

## **6.2.** Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (eg. gloves, respirators...) as required.

## 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store away from oxidising agents.

# **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Benzophenone	119-61-9	AIHA	TWA: 0.5 mg/m <sup>3</sup>	
1,6-Hexanediol diacrylate	13048-33-4	AIHA	TWA:1 mg/m3(0.11 ppm)	Dermal Sensitizer
COPPER COMPOUNDS	147-14-8	ACGIH	TWA(as Cu, fume):0.2	
			mg/m3;TWA(as Cu dust or	
			mist):1 mg/m3	
Tetrahydrofurfuryl acrylate	22399-48-6	Manufacturer	TWA:0.1 ppm(0.64	Dermal Sensitizer
		determined	mg/m3);STEL:0.3 ppm(1.91	
			mg/m3)	
Isooctyl acrylate	29590-42-9	AIHA	TWA:37.5 mg/m3(5 ppm)	

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

Australia OELs: Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG: Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

### 8.2. Exposure controls

### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

## 8.2.2. Personal protective equipment (PPE)

### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full face shield.

Indirect vented goggles.

Select and use eye protection in accordance with AS/NZS 1336. Eye protection should comply with the performance specifications of AS/NZS 1337.

# Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

if this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

Select and use gloves according to AS/NZ 2161.

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates, including oily mists

For questions about suitability for a specific application, consult with your respirator manufacturer. Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance specifications. For information about respirators, call 3M on 1800 024 464.

# **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Colour Cyan Odour Acrylate Odour threshold No data available.  PH Not applicable. Melting point/Freezing point Not applicable.  Boiling point/Initial boiling point/Boiling range P93.3 °C Flash point P1	Information on basic physical and chemical properties			
Colour Cyan Odour Acrylate Odour threshold No data available.  PH Not applicable. Melting point/Freezing point Not applicable.  Boiling point/Initial boiling point/Boiling range P93.3 °C Flash point P1	Physical state	Liquid.		
OdourAcrylateOdour thresholdNo data available.pHNot applicable.Melting point/Freezing pointNot applicable.Boiling point/Initial boiling point/Boiling range> 93.3 °CFlash point> 93.3 °C [Test Method: Closed Cup]Evaporation rateNo data available.Flammability (solid, gas)Not applicable.Flammable Limits(LEL)No data available.Flammable Limits(UEL)No data available.Vapour pressure< 1,333.2 Pa [@ 20 °C]	Specific Physical Form:	Liquid.		
OdourAcrylateOdour thresholdNo data available.pHNot applicable.Melting point/Freezing pointNot applicable.Boiling point/Initial boiling point/Boiling range> 93.3 °CFlash point> 93.3 °C [Test Method: Closed Cup]Evaporation rateNo data available.Flammability (solid, gas)Not applicable.Flammable Limits(LEL)No data available.Flammable Limits(UEL)No data available.Vapour pressure< 1,333.2 Pa [@ 20 °C]				
Odour thresholdNo data available.pHNot applicable.Melting point/Freezing pointNot applicable.Boiling point/Initial boiling point/Boiling range> 93.3 °CFlash point> 93.3 °C [Test Method: Closed Cup]Evaporation rateNo data available.Flammability (solid, gas)Not applicable.Flammable Limits(LEL)No data available.Flammable Limits(UEL)No data available.Vapour pressure< 1,333.2 Pa [@ 20 °C ]	0.000	Cyan		
Melting point/Freezing point  Mot applicable.  Not applicable.  Poling point/Initial boiling point/Boiling range  Poling point/Initial boiling point/Boiling point/Boiling point/Boiling point/Boiling Poling P	Odour	Acrylate		
Melting point/Freezing pointNot applicable.Boiling point/Initial boiling point/Boiling range> 93.3 °CFlash point> 93.3 °C [Test Method: Closed Cup]Evaporation rateNo data available.Flammability (solid, gas)Not applicable.Flammable Limits(LEL)No data available.Flammable Limits(UEL)No data available.Vapour pressure< 1,333.2 Pa [@ 20 °C ]		No data available.		
Boiling point/Initial boiling point/Boiling range > 93.3 °C Flash point > 93.3 °C [Test Method: Closed Cup] Evaporation rate No data available. Flammability (solid, gas) Not applicable. Flammable Limits(LEL) No data available. Flammable Limits(UEL) No data available. Vapour pressure < 1,333.2 Pa [@ 20 °C] Vapor Density and/or Relative Vapor Density > 1 [Ref Std: AIR=1] Density 1.04 g/ml Relative density 1.04 [Ref Std: WATER=1] Water solubility Negligible Solubility- non-water No data available. Partition coefficient: n-octanol/water No data available.	рН	Not applicable.		
Flash point > 93.3 °C [Test Method:Closed Cup]  Evaporation rate No data available.  Flammability (solid, gas) Not applicable.  Flammable Limits(LEL) No data available.  Flammable Limits(UEL) No data available.  Vapour pressure <1,333.2 Pa [@ 20 °C]  Vapor Density and/or Relative Vapor Density > 1 [Ref Std:AIR=1]  Density 1.04 g/ml  Relative density 1.04 [Ref Std:WATER=1]  Water solubility Negligible  Solubility- non-water No data available.  Partition coefficient: n-octanol/water No data available.	Melting point/Freezing point	Not applicable.		
Evaporation rate  Flammability (solid, gas)  Not applicable.  Flammable Limits(LEL)  No data available.  Flammable Limits(UEL)  No data available.  Vapour pressure <a href="#">\lambda \text{o} \text{data available} \rightarrow </a>  Partition coefficient: n-octanol/water  No data available.</a></a></a></a></a></a></a></a></a></a></a>	Boiling point/Initial boiling point/Boiling range	> 93.3 °C		
Flammability (solid, gas)  Flammable Limits(LEL)  No data available.  Flammable Limits(UEL)  No data available.  Vapour pressure  < 1,333.2 Pa [@ 20 °C]  Vapor Density and/or Relative Vapor Density  > 1 [Ref Std: AIR=1]  Density  1.04 g/ml  Relative density  1.04 [Ref Std: WATER=1]  Water solubility  Negligible  Solubility- non-water  No data available.  Partition coefficient: n-octanol/water  No data available.	Flash point	> 93.3 °C [Test Method:Closed Cup]		
Flammable Limits(LEL)  No data available.  Vapour pressure  < 1,333.2 Pa [@ 20 °C]  Vapor Density and/or Relative Vapor Density  > 1 [Ref Std: AIR=1]  Density  1.04 g/ml  Relative density  1.04 [Ref Std: WATER=1]  Water solubility  Negligible  Solubility- non-water  No data available.  Partition coefficient: n-octanol/water  No data available.	Evaporation rate	No data available.		
Flammable Limits(UEL)  Vapour pressure  < 1,333.2 Pa [@ 20 °C]  Vapor Density and/or Relative Vapor Density  > 1 [Ref Std: AIR=1]  Density  1.04 [Ref Std: WATER=1]  Water solubility  Negligible  Solubility- non-water  No data available.  Partition coefficient: n-octanol/water  No data available.	Flammability (solid, gas)	Not applicable.		
Vapour pressure       < 1,333.2 Pa [@ 20 °C ]         Vapor Density and/or Relative Vapor Density       > 1 [Ref Std: AIR=1]         Density       1.04 g/ml         Relative density       1.04 [Ref Std: WATER=1]         Water solubility       Negligible         Solubility- non-water       No data available.         Partition coefficient: n-octanol/water       No data available.	Flammable Limits(LEL)	No data available.		
Vapor Density and/or Relative Vapor Density       > 1	Flammable Limits(UEL)	No data available.		
Density     1.04 g/ml       Relative density     1.04 [Ref Std:WATER=1]       Water solubility     Negligible       Solubility- non-water     No data available.       Partition coefficient: n-octanol/water     No data available.	Vapour pressure	< 1,333.2 Pa [@ 20 °C ]		
Relative density       1.04 [Ref Std:WATER=1]         Water solubility       Negligible         Solubility- non-water       No data available.         Partition coefficient: n-octanol/water       No data available.	Vapor Density and/or Relative Vapor Density	> 1 [ <i>Ref Std:</i> AIR=1]		
Water solubility       Negligible         Solubility- non-water       No data available.         Partition coefficient: n-octanol/water       No data available.	Density	1.04 g/ml		
Solubility- non-water       No data available.         Partition coefficient: n-octanol/water       No data available.	Relative density	1.04 [Ref Std:WATER=1]		
Partition coefficient: n-octanol/water No data available.	Water solubility	Negligible		
	Solubility- non-water	No data available.		
	Partition coefficient: n-octanol/water	No data available.		
Autoignition temperature No data available.	Autoignition temperature	No data available.		
<b>Decomposition temperature</b> No data available.	Decomposition temperature	No data available.		
Viscosity/Kinematic Viscosity  No data available.	Viscosity/Kinematic Viscosity	No data available.		
Volatile organic compounds (VOC)  No data available.	Volatile organic compounds (VOC)	No data available.		
Percent volatile No data available.	Percent volatile	No data available.		
VOC less H2O & exempt solvents  No data available.	VOC less H2O & exempt solvents	No data available.		

# **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

# 10.2 Chemical stability

Stable.

### 10.3. Conditions to avoid

Light.

### 10.4. Possibility of hazardous reactions

Hazardous polymerisation may occur. (Upon depletion of inhibitor or exposure to heat)

### 10.5 Incompatible materials

Strong oxidising agents.

### 10.6 Hazardous decomposition products

**Substance** 

Condition

None known.

# **SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1 Information on Toxicological effects

### Signs and Symptoms of Exposure

### Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

### Skin contact

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching. May cause additional health effects (see below).

### Eye contact

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

#### Ingestion

May be harmful if swallowed.

Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen. May cause additional health effects (see below).

### **Additional Health Effects:**

### Prolonged or repeated exposure may cause target organ effects:

Kidney/Bladder effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination. Dermal effects: Signs/symptoms may include redness, itching, acne, or bumps on the skin.

### Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

### Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

# **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity** 

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000
			mg/kg
Overall product	Ingestion		No data available; calculated ATE >2,000 -
			=5,000 mg/kg
Isobornyl acrylate	Dermal	Rabbit	LD50 > 5,000  mg/kg
Isobornyl acrylate	Ingestion	Rat	LD50 4,350 mg/kg
Isooctyl acrylate	Dermal	Rabbit	LD50 > 2,000  mg/kg
Isooctyl acrylate	Ingestion	Rat	LD50 > 5,000  mg/kg
Tetrahydrofurfuryl acrylate	Ingestion	Rat	LD50 882 mg/kg
1,6-Hexanediol diacrylate	Dermal	Rabbit	LD50 3,636 mg/kg
1,6-Hexanediol diacrylate	Ingestion	Rat	LD50 > 5,000  mg/kg
Diphenyl(2,4,6-	Dermal	Professional	LD50 estimated to be > 5,000 mg/kg
trimethylbenzoyl)phosphine oxide		judgement	
Diphenyl(2,4,6-	Ingestion	Rat	LD50 > 5,000  mg/kg
trimethylbenzoyl)phosphine oxide			
Benzophenone	Dermal	Rabbit	LD50 3,535 mg/kg
Benzophenone	Ingestion	Rat	LD50 1,900 mg/kg
29H,31H-phthalocyaninato(2-)-	Dermal		LD50 estimated to be > 5,000 mg/kg
N29,N30,N31,N32 copper			
29H,31H-phthalocyaninato(2-)-	Ingestion	Rat	LD50 10,000 mg/kg
N29,N30,N31,N32 copper			
Camphene	Dermal	Rabbit	LD50 > 2,500 mg/kg
Camphene	Ingestion	Rat	LD50 > 5,000  mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Overall product	Professional judgement	Irritant
Isobornyl acrylate	Rabbit	Minimal irritation
Isooctyl acrylate	In vitro data	No significant irritation
Tetrahydrofurfuryl acrylate	Rabbit	Corrosive
2-Propenoic acid, 2-hydroxyethyl ester, polymer with 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 2-oxepanone and 2,2'-oxybis[ethanol]	similar compounds	Irritant
2-Propenoic acid, 1,6-hexanediyl ester, polymer with 2-aminoethanol	similar compounds	Irritant
1,6-Hexanediol diacrylate	Rabbit	Irritant
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Rabbit	No significant irritation
Benzophenone	Rabbit	No significant irritation
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper	Rabbit	No significant irritation
Camphene	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Scribus Eye Damage in reaction					
Name	Species	Value			
Isobornyl acrylate	Rabbit	Mild irritant			
Isooctyl acrylate	similar health hazards	Mild irritant			

\_\_\_\_\_

Tetrahydrofurfuryl acrylate	Rabbit	Corrosive
2-Propenoic acid, 2-hydroxyethyl ester, polymer	similar compounds	Severe irritant
with 5-isocyanato-1-(isocyanatomethyl)-1,3,3-		
trimethylcyclohexane, 2-oxepanone and 2,2'-		
oxybis[ethanol]		
2-Propenoic acid, 1,6-hexanediyl ester, polymer	similar compounds	Severe irritant
with 2-aminoethanol		
1,6-Hexanediol diacrylate	Rabbit	Moderate irritant
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Rabbit	No significant irritation
Benzophenone	Rabbit	Mild irritant
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32	Rabbit	No significant irritation
copper		
Camphene	Rabbit	Moderate irritant

## **Skin Sensitisation**

Name	Species	Value
Isobornyl acrylate	Human and animal	Sensitising
Isooctyl acrylate	Mouse	Sensitising
Tetrahydrofurfuryl acrylate	Professional judgement	Sensitising
2-Propenoic acid, 1,6-hexanediyl ester, polymer with 2-aminoethanol	similar compounds	Sensitising
1,6-Hexanediol diacrylate	Guinea pig	Sensitising
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Mouse	Sensitising
Benzophenone	Guinea pig	Not classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper	Human	Not classified

# **Respiratory Sensitisation**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity** 

Name	Route	Value
Isobornyl acrylate	In Vitro	Not mutagenic
Isooctyl acrylate	In Vitro	Some positive data exist, but the data are not sufficient for classification
Tetrahydrofurfuryl acrylate	In Vitro	Not mutagenic
1,6-Hexanediol diacrylate	In Vitro	Some positive data exist, but the data are not sufficient for classification
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	In Vitro	Not mutagenic
Benzophenone	In Vitro	Not mutagenic
Benzophenone	In vivo	Not mutagenic
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32	In Vitro	Not mutagenic
copper		
Camphene	In Vitro	Not mutagenic
Camphene	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Isooctyl acrylate	Dermal	Mouse	Not carcinogenic
1,6-Hexanediol diacrylate	Dermal	Mouse	Not carcinogenic
Benzophenone	Dermal	Multiple animal	Not carcinogenic
		species	
Benzophenone	Ingestion	Multiple animal	Carcinogenic.
		species	
29H,31H-phthalocyaninato(2-)-	Ingestion	Mouse	Not carcinogenic
N29,N30,N31,N32 copper			

# Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	<b>Exposure Duration</b>
Isobornyl acrylate	Ingestion	Not classified for	Rat	NOAEL 500	31 days
, ,		male reproduction		mg/kg/day	,
Isobornyl acrylate	Ingestion	Not classified for	Rat	NOAEL 100	premating into
J J	8.2	female reproduction		mg/kg/day	lactation
Isobornyl acrylate	Ingestion	Not classified for	Rat	NOAEL 100	premating into
		development		mg/kg/day	lactation
Isooctyl acrylate	Dermal	Not classified for	Rat	NOAEL 57	premating & during
1500cty1 delylate	Dermai	female reproduction	Kut	mg/kg/day	gestation
Isooctyl acrylate	Dermal	Not classified for	Rat	NOAEL 57	premating & during
1500cty1 actylate	Dermai	male reproduction	Kat	mg/kg/day	gestation
Isooctyl acrylate	Dermal	Not classified for	Rat	NOAEL 57	premating & during
1800cty1 actylate	Definal	development	Kat	mg/kg/day	gestation
Isooctyl acrylate	Ingestion	Not classified for	Rat	NOAEL	during
1800cty1 actylate	nigestion	development	Kat	1,000	organogenesis
		development		mg/kg/day	organogenesis
Tetrahydrofurfuryl	Tu a a a ti a sa	Toxic to female	Rat	NOAEL 50	
	Ingestion		Kat		premating into lactation
acrylate	D1	reproduction Toxic to male	D. /	mg/kg/day NOAEL 100	
Tetrahydrofurfuryl	Dermal		Rat		90 days
acrylate	T	reproduction	D /	mg/kg/day	00.1
Tetrahydrofurfuryl	Ingestion	Toxic to male	Rat	NOAEL 35	90 days
acrylate	T 1 1	reproduction	D /	mg/kg/day	00.1
Tetrahydrofurfuryl	Inhalation	Toxic to male	Rat	NOAEL 0.6	90 days
acrylate		reproduction	_	mg/l	
Tetrahydrofurfuryl	Ingestion	Toxic to development	Rat	NOAEL 50	premating into
acrylate				mg/kg/day	lactation
1,6-Hexanediol	Not specified.	Not classified for	Rat	NOAEL 750	during
diacrylate		development		mg/kg/day	organogenesis
Diphenyl(2,4,6-	Ingestion	Not classified for	Rat	NOAEL 150	during gestation
trimethylbenzoyl)pho		development		mg/kg/day	
sphine oxide					
Diphenyl(2,4,6-	Ingestion	Toxic to female	Rat	NOAEL 200	premating into
trimethylbenzoyl)pho		reproduction		mg/kg/day	lactation
sphine oxide					
Diphenyl(2,4,6-	Ingestion	Toxic to male	Rat	NOAEL 60	85 days
trimethylbenzoyl)pho		reproduction		mg/kg/day	
sphine oxide					
Benzophenone	Ingestion	Not classified for	Rat	NOAEL 100	2 generation
		female reproduction		mg/kg/day	
Benzophenone	Ingestion	Not classified for	Rat	NOAEL 80	2 generation
_		male reproduction		mg/kg/day	
Benzophenone	Ingestion	Not classified for	Rabbit	NOAEL 25	during gestation
•		development		mg/kg/day	
29Н,31Н-	Ingestion	Not classified for	Rat	NOAEL	premating into
phthalocyaninato(2-)-		female reproduction		1,000	lactation
N29,N30,N31,N32		-		mg/kg/day	
copper					
29Н,31Н-	Ingestion	Not classified for	Rat	NOAEL	42 days
phthalocyaninato(2-)-		male reproduction		1,000	
N29,N30,N31,N32		•		mg/kg/day	
copper					
29Н,31Н-	Ingestion	Not classified for	Rat	NOAEL	premating into
phthalocyaninato(2-)-		development		1,000	lactation
N29,N30,N31,N32		*		mg/kg/day	
, , , , , , , , , , , , , , , , , , , ,	i			J J J	
copper					

development	1,000	organogenesis
	mg/kg/day	

# Target Organ(s)

**Specific Target Organ Toxicity - single exposure** 

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Isooctyl acrylate	Inhalation	respiratory irritation	Not classified	Human	NOAEL Not available	occupational exposure
Isooctyl acrylate	Ingestion	central nervous system depression	Not classified	Rat	NOAEL 5,000 mg/kg	
Tetrahydrofur furyl acrylate	Inhalation	respiratory irritation	May cause respiratory irritation	Human and animal	NOAEL Not available	
2-Propenoic acid, 2-hydroxyethyl ester, polymer with 5-isocyanaton-1-(isocyanatome thyl)-1,3,3-trimethylcyclo hexane, 2-oxepanone and 2,2'-oxybis[ethano l]	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
2-Propenoic acid, 1,6- hexanediyl ester, polymer with 2- aminoethanol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
1,6- Hexanediol diacrylate	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Camphene	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Isobornyl acrylate	Ingestion	gastrointestinal tract   immune system   kidney and/or bladder   heart   endocrine system   hematopoietic system   liver   nervous system   respiratory	Not classified	Rat	NOAEL 500 mg/kg/day	31 days

\_\_\_\_\_

		system				
Isooctyl acrylate	Dermal	heart   endocrine system   hematopoietic system   liver   immune system   nervous system   kidney and/or bladder   respiratory system	Not classified	Rat	NOAEL 57 mg/kg/day	premating & during gestation
Isooctyl acrylate	Ingestion	endocrine system   liver   kidney and/or bladder   heart   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles   nervous system   eyes   respiratory system   vascular system	Not classified	Rat	NOAEL 600 mg/kg/day	90 days
1,6- Hexanediol diacrylate	Dermal	skin	May cause damage to organs though prolonged or repeated exposure	Mouse	LOAEL 70 mg/kg/day	80 weeks
Diphenyl(2,4, 6- trimethylbenz oyl)phosphine oxide	Ingestion	skin   blood   liver   kidney and/or bladder   nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	90 days
Benzophenon e	Ingestion	kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Rat	LOAEL 75 mg/kg/day	14 weeks
Benzophenon e	Ingestion	heart   hematopoietic system   liver   immune system   endocrine system   bone, teeth, nails, and/or hair   nervous system   eyes   respiratory system	Not classified	Rat	NOAEL 850 mg/kg/day	14 weeks
29H,31H- phthalocyanin ato(2-)- N29,N30,N31 ,N32 copper	Ingestion	endocrine system   hematopoietic system   respiratory system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
29H,31H- phthalocyanin	Ingestion	kidney and/or bladder	Not classified	Multiple animal species	NOAEL Not available	not available

ato(2-)- N29,N30,N31 ,N32 copper						
Camphene	Ingestion	liver   kidney and/or bladder   hematopoietic system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days

### **Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### **Exposure Levels**

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

#### **Interactive Effects**

Not determined.

# **SECTION 12: Ecological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

## 12.1. Toxicity

### Acute aquatic hazard:

GHS Acute 1: Very toxic to aquatic life.

### Chronic aquatic hazard:

GHS Chronic 2: Toxic to aquatic life with long lasting effects.

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Isobornyl acrylate	5888-33-5	Green algae	Experimental	72 hours	ErC50	1.98 mg/l
Isobornyl acrylate	5888-33-5	Zebra Fish	Experimental	96 hours	LC50	0.704 mg/l
Isobornyl acrylate	5888-33-5	Green algae	Experimental	72 hours	NOEC	0.405 mg/l
Isobornyl acrylate	5888-33-5	Water flea	Experimental	21 days	NOEC	0.092 mg/l
Isooctyl acrylate	29590-42-9	Green algae	Estimated	72 hours	EC50	0.535 mg/l
Isooctyl acrylate	29590-42-9	Fathead minnow	Experimental	96 hours	LC50	0.67 mg/l
Isooctyl acrylate	29590-42-9	Water flea	Experimental	48 hours	EC50	0.4 mg/l
Isooctyl acrylate	29590-42-9	Water flea	Experimental	21 days	NOEC	0.065 mg/l
Isooctyl acrylate	29590-42-9	Activated sludge	Experimental	3 hours	EC50	>1,000 mg/l
Tetrahydrofurfuryl	22399-48-6	Activated sludge	Experimental	3 hours	EC50	263.7 mg/l
acrylate						
Tetrahydrofurfuryl	22399-48-6	Green algae	Experimental	72 hours	EC50	3.92 mg/l
acrylate						
	22399-48-6	Water flea	Experimental	48 hours	EC50	37.7 mg/l
acrylate						
	22399-48-6	Zebra Fish	Experimental	96 hours	LC50	7.32 mg/l
acrylate						
	22399-48-6	Green algae	Experimental	72 hours	EC10	2.48 mg/l
acrylate						
2-Propenoic acid,	67906-98-3	N/A	Data not available	N/A	N/A	N/A
1,6-hexanediyl			or insufficient for			
ester, polymer with			classification			
2-aminoethanol						
<ol><li>2-Propenoic acid,</li></ol>	72162-39-1	N/A	Data not available	N/A	N/A	N/A

2-hydroxyethyl		1	or insufficient for		1	
ester, polymer with			classification			
5-isocyanato-1-						
(isocyanatomethyl)						
-1,3,3- trimethylcyclohexa						
ne, 2-oxepanone						
and 2,2'-						
oxybis[ethanol]						
1,6-Hexanediol diacrylate	13048-33-4	Green algae	Experimental	72 hours	EC50	2.33 mg/l
1,6-Hexanediol diacrylate	13048-33-4	Medaka	Experimental	96 hours	LC50	0.38 mg/l
1,6-Hexanediol diacrylate	13048-33-4	Water flea	Experimental	48 hours	EC50	2.7 mg/l
1,6-Hexanediol diacrylate	13048-33-4	Green algae	Experimental	72 hours	NOEC	0.9 mg/l
1,6-Hexanediol diacrylate	13048-33-4	Medaka	Experimental	39 days	NOEC	0.072 mg/l
1,6-Hexanediol diacrylate	13048-33-4	Water flea	Experimental	21 days	NOEC	0.14 mg/l
1,6-Hexanediol diacrylate	13048-33-4	Activated sludge	Experimental	30 minutes	EC50	270 mg/l
Diphenyl(2,4,6-	75980-60-8	Activated sludge	Experimental	3 hours	EC20	>1,000 mg/l
trimethylbenzoyl)p hosphine oxide						
Diphenyl(2,4,6-	75980-60-8	Common Carp	Experimental	96 hours	LC50	1.4 mg/l
trimethylbenzoyl)p						
hosphine oxide	75000 (0.0	C	E	72 1	EC50	> 2.01/1
Diphenyl(2,4,6-trimethylbenzoyl)p	75980-60-8	Green algae	Experimental	72 hours	EC50	>2.01 mg/l
hosphine oxide						
Diphenyl(2,4,6-	75980-60-8	Water flea	Experimental	48 hours	EC50	3.53 mg/l
trimethylbenzoyl)p			1			
hosphine oxide						
Diphenyl(2,4,6-trimethylbenzoyl)p	75980-60-8	Green algae	Experimental	72 hours	EC10	1.56 mg/l
hosphine oxide	110 (10					
Benzophenone	119-61-9	Fathead minnow	Experimental	96 hours	LC50	10.89 mg/l
Benzophenone Benzophenone	119-61-9 119-61-9	Green algae Water flea	Experimental Experimental	72 hours 48 hours	EC50 EC50	3.5 mg/l 6.8 mg/l
Benzophenone	119-61-9	Fathead minnow	Experimental	7 days	NOEC	2.1 mg/l
Benzophenone	119-61-9	Green algae	Experimental	72 hours	NOEC	1 mg/l
Benzophenone	119-61-9	Water flea	Experimental	21 days	NOEC	0.2 mg/l
29H,31H- phthalocyaninato(2	147-14-8	Green algae	Estimated	72 hours	ErC50	>100 mg/l
-)-						
N29,N30,N31,N32 copper						
29H,31H-	147-14-8	Water flea	Estimated	48 hours	EC50	>500 mg/l
phthalocyaninato(2	1., 1. 0	, aler nea	25tmatea	TO HOUSE		l soo mg.
-)-						
N29,N30,N31,N32						
copper 29H.31H-	147 14 0	Activated sludge	Evnorimental	20 minutes	EC20	750 mg/l
phthalocyaninato(2	147-14-8	Activated studge	Experimental	30 minutes	EC20	750 mg/l
-)-						
Ń29,N30,N31,N32			1			
copper	1				17.010	
29H,31H- phthalocyaninato(2	147-14-8	Bacteria	Experimental	30 minutes	EC10	>10,000 mg/l
-)- N29,N30,N31,N32						
copper						
29Н,31Н-	147-14-8	Rainbow trout	Experimental	96 hours	LC50	355.6 mg/l
phthalocyaninato(2						
N29,N30,N31,N32						

copper						
29Н,31Н-	147-14-8	Green algae	Estimated	72 hours	ErC10	100 mg/l
phthalocyaninato(2						
-)-						
N29,N30,N31,N32						
copper						
29H,31H-	147-14-8	Water flea	Estimated	21 days	NOEC	>=1 mg/l
phthalocyaninato(2						
-)-						
N29,N30,N31,N32						
copper						
Camphene	79-92-5	Activated sludge	Experimental	3 hours	EC10	490.3 mg/l
Camphene	79-92-5	Green algae	Experimental	72 hours	EC50	1.75 mg/l
Camphene	79-92-5	Sheepshead	Experimental	96 hours	LC50	1.9 mg/l
		Minnow				
Camphene	79-92-5	Water flea	Experimental	48 hours	EC50	0.72 mg/l
Camphene	79-92-5	Zebra Fish	Experimental	96 hours	LC50	0.72 mg/l
Camphene	79-92-5	Green algae	Experimental	72 hours	NOEC	0.07 mg/l

# 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Isobornyl acrylate	5888-33-5	Experimental Biodegradation	28 days	CO2 evolution	57 %CO2 evolution/THCO2 evolution	OECD 310 CO2 Headspace
Isooctyl acrylate	29590-42-9	Experimental Biodegradation	28 days	BOD	93 %BOD/ThOD	OECD 301D - Closed bottle test
Tetrahydrofurfuryl acrylate	22399-48-6	Experimental Biodegradation	28 days	BOD	77.7 %BOD/ThOD	OECD 301F - Manometric respirometry
Tetrahydrofurfuryl acrylate	22399-48-6	Experimental Bioconcentration		Log Kow	0.81	
2-Propenoic acid, 1,6-hexanediyl ester, polymer with 2-aminoethanol	67906-98-3	Data not available- insufficient	N/A	N/A	N/A	N/A
2-Propenoic acid, 2-hydroxyethyl ester, polymer with 5-isocyanato-1- (isocyanatomethyl) -1,3,3- trimethylcyclohexa ne, 2-oxepanone and 2,2'- oxybis[ethanol]	72162-39-1	Data not available- insufficient	N/A	N/A	N/A	N/A
1,6-Hexanediol diacrylate	13048-33-4	Experimental Biodegradation	28 days	CO2 evolution	60-70 %CO2 evolution/THCO2 evolution	ISO 14593 Inorg C Headspace
1,6-Hexanediol diacrylate	13048-33-4	Estimated Photolysis		Photolytic half-life (in air)	1 days (t 1/2)	Episuite <sup>TM</sup>
Diphenyl(2,4,6- trimethylbenzoyl)p hosphine oxide	75980-60-8	Experimental Biodegradation	28 days	BOD	≤10 %BOD/ThOD	OECD 301F - Manometric respirometry
Benzophenone	119-61-9	Experimental Biodegradation	28 days	BOD	66- 84 %BOD/ThOD	OECD 301F - Manometric respirometry
29H,31H- phthalocyaninato(2 -)- N29,N30,N31,N32 copper	147-14-8	Experimental Biodegradation	28 days	BOD	<1 %BOD/ThOD	OECD 301F - Manometric respirometry
Camphene	79-92-5	Experimental Biodegradation	28 days	BOD	2 %BOD/ThOD	OECD 301C - MITI test (I)
Camphene	79-92-5	Experimental		Photolytic half-life	7.2 hours (t 1/2)	

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Photolysis	(in air)	

### 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Isobornyl acrylate	5888-33-5	Analogous Compound BCF - Fish	56 hours	Bioaccumulation factor	37	OECD305-Bioconcentration
Isobornyl acrylate	5888-33-5	Experimental Bioconcentration		Log Kow	4.52	OECD 117 log Kow HPLC method
Isooctyl acrylate	29590-42-9	Estimated Bioconcentration		Bioaccumulation factor	120-940	Catalogic™
Isooctyl acrylate	29590-42-9	Experimental Bioconcentration		Log Kow	4.6	
2-Propenoic acid, 1,6-hexanediyl ester, polymer with 2-aminoethanol	67906-98-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
2-Propenoic acid, 2-hydroxyethyl ester, polymer with 5-isocyanato-1- (isocyanatomethyl) -1,3,3- trimethylcyclohexa ne, 2-oxepanone and 2,2'- oxybis[ethanol]	72162-39-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
1,6-Hexanediol diacrylate	13048-33-4	Experimental Bioconcentration		Log Kow	2.81	
Diphenyl(2,4,6- trimethylbenzoyl)p hosphine oxide	75980-60-8	Experimental BCF - Fish	56 days	Bioaccumulation factor	≤40	
Benzophenone	119-61-9	Experimental BCF - Fish	56 days	Bioaccumulation factor	<12	
29H,31H- phthalocyaninato(2 -)- N29,N30,N31,N32 copper	147-14-8	Experimental BCF - Fish	42 days	Bioaccumulation factor	<3.6	OECD305-Bioconcentration
Camphene	79-92-5	Experimental BCF - Fish	56 days	Bioaccumulation factor	606-1290	OECD305-Bioconcentration

# 12.4. Mobility in soil

Please contact manufacturer for more details

## 12.5 Other adverse effects

No information available.

# **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste.

# **SECTION 14: Transport Information**

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

### 3M<sup>™</sup> 8966UV Cyan Piezo InkJet Ink

UN No.: UN3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (ISOBORNYL

ACRYLATE, ISOOCTYL ACRYLATE)

Class/Division: 9
Sub Risk: Not applicable.
Packing Group: III

**Special Instructions:** Australian Dangerous Goods Code: Not subject to this code as per Special Provision AU01

Hazchem Code: •3Z

**IERG: 47** 

## International Air Transport Association (IATA) - Air Transport

UN No.: UN3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (ISOBORNYL

ACRYLATE, ISOOCTYL ACRYLATE)

Class/Division: 9

**Sub Risk:** Not applicable. **Packing Group:** III

**Special Instructions:** Not restricted, as per Special Provision A197, environmentally hazardous substance exception.

## International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: UN3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (ISOBORNYL

ACRYLATE, ISOOCTYL ACRYLATE)

Class/Division: 9
Sub Risk: Not applicable.
Packing Group: III

Marine Pollutant: Not applicable.

**Special Instructions:** Not restricted, as per IMDG code 2.10.2.7, marine pollutant exception.

# **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## **Australian Inventory Status:**

An ingredient(s) in this product is being introduced under a Certificate (Standard/Limited/Polymer of Low Concern) granted under Section 39 of the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

**Poison Schedule:** This product is intended for Industrial or Professional Use only and therefore is not packaged and labelled in accordance with the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons.

# **SECTION 16: Other information**

#### **Revision information:**

Complete document review.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard ® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

### 3M Australia SDSs are available at www.3m.com.au