

# Material Safety Data Sheet

Page 1 of 7

Issue date:December 2008

## Eracoat FCA Accelerator

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Eracoat FCA Accelerator

**Synonym:**

**Use:** Polyurethane coating catalyst

**Era Polymers Pty Ltd**

**25-27 Green Street**

**Banksmeadow NSW 2019**

**Australia**

**Ph: +61 2 9666 3788**

**Fax: +61 2 9666 4805**

**Emergency Advice All Hours:**

Technical Manager +61 2 9666 3788

### 2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO EU CRITERIA

**Hazard Category:** Harmful (Xn), Irritant (Xi)

**Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOOD

#### RISK PHRASES

R10 Flammable

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R53 May cause long term adverse effects in the aquatic environment.

#### SAFETY PHRASES

S2 Keep out of reach of children.

S20 When using, do not eat or drink.

S23 Do not breathe gas/fumes/vapour/spray

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

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

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.

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

**Poison Schedule:** S6 [Aust]

This material is a Scheduled **S6** Poison and must be stored, handled and used according to the appropriate regulations..

#### Warning Statement:

Flammable liquid, skin irritant, wear gloves

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME

Proportion

CAS Number

# Material Safety Data Sheet

Page 2 of 7

Issue date:December 2008

## Eracoat FCA Accelerator

XYLENE	30 to 60%	1330-20-7
DIBUTYLTIN DILAURATE	30 to 60%	77-58-7
TERTIARY AMINE CATALYST (Below Cutoff)	1 to 10%	Mixture

All other ingredients not hazardous according to EU Criteria.

### 4. FIRST AID MEASURES

**Swallowed:**

Rinse mouth with water. If victim is conscious and alert, give 1-2 glasses of water or milk. Do not induce vomiting unless directed by medical personnel due to risk of lung damage. Never give anything by mouth to an unconscious or convulsing person. Call a physician immediately.

**Eye:**

Immediately flush with copious amounts of water for at least 15 minutes. Get medical attention.

**Skin:**

Wash material off skin with copious amounts of soap and water. If irritation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

**Inhaled:**

Remove victim to fresh air. If cough or other respiratory symptoms develop, get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**First Aid Facilities:**

Eye wash fountain, safety shower and normal washroom facilities.

**Advice to Doctor:**

Treat symptomatically.

**In case of poisoning, contact Poisons Information Centre**

**In Australia call Tel: 131126**

**In New Zealand Tel: 034747000**

### 5. FIRE-FIGHTING MEASURES

**Fire/Explosion Hazard**

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide or alcohol-resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: Respiratory and eye protection required for fire-fighting personnel. Full protective equipment and a self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.

**HAZCHEM CODE:** 3[Y]E [Aust]

**FLAMMABILITY**

Highly flammable liquid. Avoid all sources of ignition, heat and naked flames. Vapours may travel a considerable distance to source of ignition and ignite.

### 6. ACCIDENTAL RELEASE MEASURES

# Material Safety Data Sheet

Page 3 of 7

Issue date: December 2008

## Eracoat FCA Accelerator

Remove all sources of ignition. Ventilate area of leak or spill. Clean-up personnel may require protection from inhalation of vapour (see Section 8 for PPE).

**SPILLS:** Spills or leaks are to be diked or otherwise contained to prevent spreading and/or entry into a drain or catch basin. If possible, the spilled liquid should be pumped or otherwise transferred to a waste container. Residual liquid should be absorbed and containerised in a separate container.

### 7. HANDLING AND STORAGE

Avoid skin and eye contact. Avoid breathing vapour. Keep container closed. Store in a cool, dry, well-ventilated place away from all incompatible materials.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

#### *XYLENE*

(Worksafe Australia)

[TWA]80 ppm 350 mg/m<sup>3</sup>

[STEL]150 ppm 655 mg/m<sup>3</sup>

#### References: A;R

(ACGIH)

[TWA]100 ppm 434 mg/m<sup>3</sup>

[STEL]150 ppm 651 mg/m<sup>3</sup>

**Carcinogen Category:** A4 (Not classified as a human carcinogen)

**Notices:** BEI

#### *DIBUTYLTIN DILAURATE*

(Worksafe Australia)

[TWA]0.1 mg/m<sup>3</sup>

[STEL]0.2 mg/m<sup>3</sup>

(ACGIH)

[TWA]0.1 mg/m<sup>3</sup>

**Carcinogen Category:** A4 (Not classified as a human carcinogen)

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#### *TERTIARY AMINE CATALYST (Below Cutoff)*

No Exposure details available

#### Engineering Controls

Highly flammable liquid. Maintain adequate ventilation at all times. The use of local exhaust ventilation is recommended to control below threshold limit value. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition.

#### Personal Protection Equipment

**CLOTHING:** Wear impervious protective clothing including boots, gloves, apron or coveralls to prevent skin contact..

**GLOVES:** Wear impervious protective gloves to prevent skin contact.

**EYES:** Use chemical safety goggles or face shield to protect eyes.

# Material Safety Data Sheet

Page 4 of 7

Issue date: December 2008

## Eracoat FCA Accelerator

**RESPIRATORY PROTECTION:** Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Thin liquid
<b>Boiling Point Melting Point:</b>	136C
<b>Vapour Pressure:</b>	Not measured
<b>Specific Gravity:</b>	Approx 1
<b>Flash Point:</b>	Not determined
<b>Flammability Limits:</b>	Not determined
<b>Solubility in Water:</b>	Insoluble

#### Other Properties

### 10. STABILITY AND REACTIVITY

#### STABILITY:

Stable under normal conditions of use.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Emits oxides of carbon when heated to decomposition.

#### HAZARDOUS POLYMERIZATION:

Will not occur.

#### INCOMPATIBILITIES:

Reacts with oxidising agents/acid/alkalis/amines/alcohols.

#### CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

#### ACUTE HEALTH EFFECTS:

##### Swallowed:

Harmful if swallowed.

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

##### Eye:

Will cause severe irritation to the eyes with effects including: tearing, pain, corneal opacity and blurred vision. If prompt action is not taken permanent eye damage may occur.

##### Skin:

Harmful by skin contact.

Will cause irritation to the skin, with effects including; Redness, itchiness, and possible dermatitis.

# Material Safety Data Sheet

Page 5 of 7

Issue date: December 2008

## Eracoat FCA Accelerator

### **Inhaled:**

Harmful if inhaled.

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

### **Chronic:**

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

Product may also be absorbed through the skin with resultant toxic effects.

Prolonged or repeated exposure may lead to irreversible damage to health.

### **Toxicological Data:**

There is no other toxicological information available for this product.

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity:**

Not determined

Avoid release into drains and waterways

### **Mobility:**

Not determined

### **Persistence / Degradability:**

Not determined

### **Chemical Fate Information**

This substance is Very Toxic to aquatic organisms

This substance may cause long term adverse effects in the aquatic environment.

This substance may cause long term adverse effects in the environment

## 13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

## 14. TRANSPORT INFORMATION

### **Road Transport**

**UN Number:** 1993

**Proper Shipping Name:** FLAMMABLE LIQUID, N.O.S. (Xylene)

**Dangerous Goods Class:** 3

**Packing Group:** II

**Label:** Harmful (Xn), Irritant (Xi)

### **Air Transport**

**UN Number:** 1993

**Proper Shipping Name:** FLAMMABLE LIQUID, N.O.S. (Xylene)

**Dangerous Goods Class:** 3

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# Material Safety Data Sheet

Page 7 of 7

Issue date:December 2008

## Eracoat FCA Accelerator

### **Disclaimer**

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

### **Principal References:**

Information supplied by manufacturer, reference sources including the public domain.

**END OF MSDS**