

**Material Safety Data Sheet**

acc. to ISO 11014

Printing date 07/31/2008

Reviewed on 07/31/2008

**\* 1 Identification of substance**

- . **Product details**
- . **Trade name:** Gloss Dimmer
- . **Article number:** 44/00006
- . **Application of the substance / the preparation** Powder coating material
- . **Manufactured for:**

The Easthill Group  
 dba/ The Eastwood Company  
 263 Shoemaker Road  
 Pottstown, PA 19464  
 USA & Canada: 800-345-1178  
 Outside USA: (610) 323-2200

**Emergency Contact:**

Chem-Trec: 800-424-9300

- . **Informing department:** Product Safety Department

**2 Composition/Data on components:**

- . **Chemical characterization**
- . **Description:** Mixture consisting of the following components with harmless additives.

**. Dangerous components:**

693-23-2	dodecanedioic acid Xi; R 36/37/38	< 1.0%
2451-62-9	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione T, Xi; R 46-23/25-41-43-48/22-52/53	< 1.0%
105-60-2	epsilon-caprolactam Xn, Xi; R 20/22-36/37/38	< 1.0%
77-58-7	dibutyltin dilaurate Xn, Xi, N; R 22-36/38-48-50/53	< 1.0%

- . **Additional information** For the wording of the listed risk phrases refer to section 16.

**3 Hazards identification**

- . **Hazard designation:**  
Toxic
- . **Information pertaining to health and environmental hazards**  
May cause heritable genetic damage.  
Contains isocyanates. See information supplied by the manufacturer.
- . **Classification system**
- . **NFPA ratings (scale 0-4)**



Health = 2  
 Fire = 1  
 Reactivity = 1

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**. HMIS-RATINGS (SCALE 0 - 4)**

HEALTH	2
FIRE	1
REACTIVITY	1

Health = 2

Fire = 1

Reactivity = 1

**4 First aid measures**

- . **General information** No special measures required.
- . **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- . **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- . **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- . **After swallowing** In case of persistent symptoms consult doctor.

**5 Fire fighting measures**

- . **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- . **Protective equipment:** No special measures required.

**6 Accidental release measures**

- . **Person-related safety precautions:** Avoid causing dust.
- . **Measures for environmental protection:**  
Inform respective authorities in case product reaches water or sewage system.  
Do not allow product to reach sewage system or water bodies.
- . **Measures for cleaning/collecting:** Collect mechanically.
- . **Additional information:** See Section 13 for information on disposal.

**7 Handling and storage**

- . **Handling**
- . **Information for safe handling:** No special precautions necessary if used correctly.
- . **Information about protection against explosions and fires:**  
Dust can combine with air to form an explosive mixture.  
Protect against electrostatic charges.
- . **Storage**
- . **Requirements to be met by storerooms and containers:**  
Store in cool location.  
Store only in the original container.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** None.

**8 Exposure controls and personal protection**

- . **Additional information about design of technical systems:** No further data; see item 7.
- . **Components with critical values that require monitoring at the workplace:**

2451-62-9 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione

TLV 0.05 mg/m<sup>3</sup>

- . **Additional information:**  
The lists that were valid during the compilation were used as basis.

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- . **Personal protective equipment**
- . **Breathing equipment:**



In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Only during spraying without adequate removal by suction.

- . **Protection of hands:**



Protective gloves.

- . **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- . **Eye protection:**



Safety glasses recommended during refilling.

Not required.

- . **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

- . **General Information**

<b>Form:</b>	Solid.
<b>Colour:</b>	Different according to colour
<b>Smell:</b>	Characteristic

- . **Change in condition**

<b>Melting point/Melting range:</b>	> 90 - 120°C (> 194 - 248°F)
<b>Boiling point/Boiling range:</b>	Not determined

- . **Flash point:** Not applicable

- . **Self-inflammability:** Product is not selfigniting.

- . **Danger of explosion:** Product is not explosive. However, formation of explosive air/dust mixtures is possible

- . **Density at 20°C (68°F)** 1.39 g/cm<sup>3</sup>

- . **Solubility in / Miscibility with Water:** Insoluble

- . **Solvent content:**
- Organic solvents:** 0.0 %

- . **Solids content:** 100.0 %

## 10 Stability and reactivity

- . **Conditions to be avoided:**

To avoid thermal decomposition do not overheat.  
No decomposition if used according to specifications.

- . **Dangerous reactions** No dangerous reactions known

- . **Dangerous products of decomposition:** In case of fire: CO, CO<sub>2</sub>, NO<sub>x</sub>

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**11 Toxicological information**. **Acute toxicity:**. **LD/LC50 values that are relevant for classification:****2451-62-9 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione**

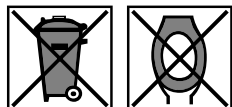
Oral	LD50	300 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4 h	2000 mg/l (mou)

. **Primary irritant effect:**

- . **on the skin:** No irritant effect.
- . **on the eye:** No irritant effect.
- . **Sensitization:** Sensitization possible by skin contact.

**12 Ecological information:**. **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**13 Disposal considerations**. **Product:**. **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

. **Uncleaned packagings:**. **Recommendation:** Disposal must be made according to official regulations.**14 Transport information**. **DOT regulations:**. **Hazard class:** Not regulated under DOT rules. **Maritime transport IMDG/GGVSea:**. **Marine pollutant:** No**15 Regulations**. **SARA (Superfund Amendments and Reauthorization Act):**. **Section 355 (Extremely hazardous substances):**

None of the ingredients is listed.

. **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

. **TSCA (Toxic Substances Control Act):**

21645-51-2	aluminium hydroxide
693-23-2	dodecanedioic acid
2451-62-9	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione
9002-88-4	Ethene, homopolymer
105-60-2	epsilon-caprolactam
119-53-9	benzoin
77-58-7	dibutyltin dilaurate

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**. Proposition 65:****. Chemicals known to cause cancer:**

None of the ingredients is listed.

**. Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**. Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**. Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**. Cancerogenity categories****. EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**. IARC (International Agency for Research on Cancer)**

9002-88-4 Ethene, homopolymer

3

105-60-2 epsilon-caprolactam

4

112926-00-8 Silicon dioxide

3

**. NTP (National Toxicology Program)**

None of the ingredients is listed.

**. TLV (Threshold Limit Value established by ACGIH)**

77-58-7 dibutyltin dilaurate

A4

**. NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**. OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**. Designation according to EC guidelines:****. Code letter and hazard designation of product:**

Toxic

**. Hazard-determining components of labelling:**

1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione

**. Risk phrases:**

May cause heritable genetic damage.

**. Safety phrases:**

Avoid exposure - obtain special instructions before use.

Wear suitable protective clothing.

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

**. Special designation of certain preparations:**

Contains isocyanates. See information supplied by the manufacturer.

**. National regulations****. Technical instructions (air):**

Class	Share in %
I	0.7

**16 Other information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**. Relevant R-phrases**

20/22 Harmful by inhalation and if swallowed.

22 Harmful if swallowed.

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23/25 Toxic by inhalation and if swallowed.  
36/37/38 Irritating to eyes, respiratory system and skin.  
36/38 Irritating to eyes and skin.  
41 Risk of serious damage to eyes.  
43 May cause sensitization by skin contact.  
46 May cause heritable genetic damage.  
48 Danger of serious damage to health by prolonged exposure.  
48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

. \* Data compared to the previous version altered.

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