

# SAFETY DATA SHEET

Revision Date 01-Jul-2015

Revision Number 2

## 1. IDENTIFICATION

**Product Identifier****Product Name** Rally Blue Powder**Other means of identification****Product Code(s)** 16051A, 16051**Product Type** Polyurethane**Recommended use of the chemical and restrictions on use****Recommended Use** Industrial Coating.**Uses advised against** No information available**Details of the supplier of the safety data sheet****Supplier Address**The Eastwood Company  
263 Shoemaker Road  
Pottstown, Pa 19464**Company Phone Number** 800 345-1178**Emergency Contact Number** CHEMTREC (800) 424-9300

## 2. HAZARDS IDENTIFICATION

**Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label elements****Emergency Overview****Appearance** Powder**Physical State** Solid/Powder**Odor** None**Precautionary Statements - Prevention**

Obtain special instructions before use

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

Avoid breathing dust/fume/gas/mist/vapors/spray

Use personal protective equipment as required

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell

Specific treatment (see Section 4 on this SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IF ON SKIN: Gently wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Storage**

Store in a dry place

**Precautionary Statements - Disposal**

Dispose of in accordance with federal, state and local regulations

**Hazards not otherwise classified (HNOC)**

Fine dust dispersed in air, in the presence of an ignition source, is a potential explosion hazard

Dust may be irritating to eyes, nose, throat

**Other Information****3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Components	CAS-No	Weight %	Trade Secret
Caprolactam	105-60-2	0 - 10%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of first aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

**Most important symptoms and effects, both acute and delayed****Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use Foam Dry chemical or CO<sub>2</sub>

**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

Fine dust dispersed in air may ignite. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Explosion Data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

## **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. Use NIOSH/MSHA approved respirators if OSHA PEL is exceeded. Use impervious glove and body-covering clothing. Use side-shielded safety glasses or goggles.

## **Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information.

## **Methods and material for containment and cleaning up**

**Methods for Cleaning Up** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment should be avoided. Use non-sparking tools and equipment. Pick up and transfer to properly labeled containers. Dispose of according to local and regional authority requirements.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

**Handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe dust. Avoid dust formation. Do not ingest.

### **Conditions for safe storage, including any incompatibilities**

**Storage** Store in a dry, air conditioned place below 80F. Keep container tightly closed. Store in accordance with local regulations. Store in original container.

**Incompatible Products** Strong oxidizing agents.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Exposure Guidelines**

<b>Components</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Caprolactam 105-60-2	TWA: 5 mg/m <sup>3</sup>	(vacated) TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 5 ppm (vacated) TWA: 20 mg/m <sup>3</sup> (vacated) STEL: 3 mg/m <sup>3</sup> (vacated) STEL: 10 ppm (vacated) STEL: 40 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 0.22 ppm STEL: 3 mg/m <sup>3</sup> STEL: 0.66 ppm

### **Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

### **Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Avoid contact with eyes. Eye protection.

**Skin and Body Protection** Wear protective gloves/clothing.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid/Powder	<b>Odor</b>	Odorless
<b>Appearance</b>	Powder	<b>Odor Threshold</b>	No data available
<b>Color</b>	No information available		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	No information available on mixture		
<b>Melting point/freezing point</b>			
<b>Boiling Point/Range</b>	No information available on mixture		
<b>Flash Point</b>	No information available on mixture		
<b>Evaporation Rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper explosive (flammability) limit:</b>	70 g/m <sup>3</sup>		
<b>Lower explosive (flammability) limit:</b>	30 g/m <sup>3</sup>		
<b>Vapor pressure</b>	Negligible		
<b>Vapor Density</b>	No information available on mixture		
<b>Specific Gravity</b>	1.2-1.8		
<b>Water Solubility</b>	Immiscible in water		
<b>Solubility in other solvents</b>	No information available on mixture		
<b>Partition coefficient</b>	No information available		
<b>Autoignition Temperature</b>			
<b>Decomposition Temperature</b>	No information available		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	No information available on mixture		
<b>Explosive Properties</b>	No information available		
<b>Oxidizing Properties</b>	No information available		

### Other Information

<b>Softening Point</b>	No information available on mixture
<b>% Solids</b>	100

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Excessive heat.

### Incompatible Materials

Strong oxidizing agents, strong acids, and strong bases.

### Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors. Upon heating, may release oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Repeated exposure may cause skin dryness or cracking. May cause irritation.

**Ingestion**

May be harmful if swallowed.

Components	LD50 Oral	Dermal LD50	Inhalation LC50:
Caprolactam 105-60-2	= 1210 mg/kg ( Rat )	= 1438 mg/kg ( Rabbit )	= 8.16 mg/L ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms**

No information available on mixture.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

May cause sensitization of susceptible persons.

**Mutagenic Effects**

No information available on specific mixture.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Reproductive Toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration Hazard**

No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	73,567.00
ATEmix (inhalation-dust/mist)	95.50

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

1.10031% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Components	Algae/aquatic plants	Toxicity to Fish	Daphnia Magna (Water Flea)
Caprolactam - 105-60-2	4320 - 4800: 72 h Pseudokirchneriella subcapitata mg/L EC50 160: 96 h Desmodesmus subspicatus mg/L EC50 130: 72 h Desmodesmus subspicatus mg/L EC50	1400: 96 h Pimephales promelas mg/L LC50 static 930: 96 h Lepomis macrochirus mg/L LC50 static	828 - 2920: 48 h Daphnia magna mg/L EC50 500: 48 h Daphnia magna Straus mg/L EC50

**Persistence and Degradability**

No information available.

**Bioaccumulation/ Accumulation**

No information available.

Components	Log Pow
Caprolactam 105-60-2	-0.02

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Method**

Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging**

Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA 8(b)** All components are listed or exempt

**DSL/NDSL** All components are listed or exempt

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

#### U.S. EPA Label Information

**EPA Pesticide Registration Number** No data available

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<b><u>NFPA</u></b>	<b>Health Hazard</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> -
<b><u>HMIS / WHMIS</u></b>	<b>Health Hazard</b> 2	<b>Flammability</b> 1	<b>Physical Hazards</b> 0	<b>Personal Precautions</b> X

**Revision Date** 01-Jul-2015

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, and transportation.

**End of SDS**