

# Safety Data Sheet

acc. to OSHA HCS

Printing date 09/16/2015

Revised on 09/16/2015

## 1 Identification

- **Product identifier** R1101
- **Trade name:** Durapot 862 Resin
- **Article number:** 862R
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 Cotronics Corp  
 131 47th Street  
 Brooklyn, NY 11232  
 USA
- **Information department:** In the event of an emergency please call Chemtrec at 1 800-424-9300 (24 hour)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

Acute Tox. 4 H302 Harmful if swallowed.  
 Skin Irrit. 2 H315 Causes skin irritation.  
 Eye Irrit. 2A H319 Causes serious eye irritation.  
 Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Harmful

Harmful if swallowed.



Irritant

Irritating to eyes and skin. May cause sensitisation by skin contact.

- **Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of international guidelines.

- **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labeling according to EU guidelines:**

The product has been classified and marked in accordance with directives on hazardous materials.

- **Code letter and hazard designation of product:**



Harmful

- **Risk phrases:**

Harmful if swallowed.

Irritating to eyes and skin.

May cause sensitisation by skin contact.

- **Safety phrases:**

Keep away from food, drink and animal feedingstuffs.

When using do not eat or drink.

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Avoid contact with skin and eyes.

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

In case of insufficient ventilation, wear suitable respiratory equipment.

If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

After contact with skin, wash immediately with plenty of soap and water.

Keep container tightly closed.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 2

Fire = 1

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Nonhazardous materials will not be listed separately

· **Components:**

28064-14-4	Modified Epoxy Resin	50-<100%
64742-95-6	Solvent naphtha (petroleum), light aroma	0.1-<1%

## 4 First-aid measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Supply fresh air and call for a doctor.

Move to a place with fresh air and keep at rest.

In case of unconsciousness and call a doctor.

If transporting move stably into a side position for transportation.

· **After skin contact:**

Immediately wash with water

If irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

Get medical attention

· **After swallowing:** Do not induce vomiting; immediately call a doctor.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters** Wear self-contained breathing apparatus, if necessary
- **Protective equipment:** Use personal protective equipment.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep in closed, sealed container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep sealed container(s) at room temperature  
Recommended to keep in a cool, dry condition atmosphere.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**  
Personal protection is required while machining this material. Use suitable face/eye/hand protection.

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- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Do not eat or drink while working.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes and skin.
  - Do not eat or drink while working.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
  - Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:** Impervious gloves
- **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form:** Creamy Paste
  - Color:** Pale Yellow
  - Odor:** Slight
- **pH-value:** Not determined.
- **Change in condition**
  - Melting point/Melting range:** Not applicable.
  - Boiling point/Boiling range:** Not applicable
- **Flash point:** 146 °C (295 °F)
- **Flammability (solid, gaseous):** Not Applicable.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not Applicable
  - Upper:** Not Applicable.
- **Vapor pressure:** Not determined.
- **Density at 20 °C (68 °F):** 1.18 g/cm<sup>3</sup> (9.847 lbs/gal)
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Solvent content:**
  - Organic solvents:** 0.1 %

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· **Other information** No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability** Stable under recommended storage conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**64742-95-6 Solvent naphtha (petroleum), light aroma**

Oral	LD50	>6800 mg/kg (Rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (Rat)

- **Primary irritant effect:**
- **On the skin:** Irritating to skin.
- **On the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful  
Irritant

- **Carcinogenic categories**

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

None of the materials are listed

- **NTP (National Toxicology Program)**

None of the materials are listed

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

None of the materials are listed

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.

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- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Dispose material in accordance with federal, state, local and international regulations.

## 14 Transport information

- |  |                             |
|--|-----------------------------|
| · <b>UN-Number</b>   |                             |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   | Not Regulated for Transport |
| · <b>UN proper shipping name</b>   |                             |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   | Not Regulated for Transport |
| · <b>Transport hazard class(es)</b>  |                             |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   |                             |
| · <b>Class</b>   | Not Regulated for Transport |
| · <b>Packing group</b>   |                             |
| · <b>DOT, ADR, IMDG, IATA</b>  | Not Regulated for Transport |
| · <b>Environmental hazards:</b>  |                             |
| · <b>Marine pollutant:</b>   | No                          |
| · <b>Special precautions for user</b>  | Not applicable.             |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.             |
| · <b>UN "Model Regulation":</b>  | -                           |

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **SARA**

### · Section 313 (specific toxic chemical listings):

None of the ingredients are listed.

### · Section 302 (extremely hazardous substance):

None of the ingredients are listed

### · Section 304 (emergency release notification):

None of the ingredients are listed

### · Sections 311/312 (hazards)

64742-95-6 Solvent naphtha (petroleum), light aroma

Fire

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· **TSCA (Toxic Substances Control Act) (Substances not listed):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients are listed

· **Chemicals known to cause reproductive toxicity:**

None of the materials are listed

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

None of the materials are listed

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

None of the materials are listed

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

None of the materials are listed

· **Pennsylvania Right To Know Components**

64742-95-6 Solvent naphtha (petroleum), light aroma

· **Massachusetts Right To Know Components**

None of the materials are listed

· **New Jersey Right To Know Components**

None of the materials are listed

· **Rhode Island Right To Know Components**

None of the ingredients are listed

· **Minnesota Right To Know Components**

None of the ingredients are listed

· **Florida Right To Know Components**

None of the ingredients are listed

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients are listed

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

None of the ingredients are listed

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

If non of the ingredients are listed

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**



Harmful

· **Risk phrases:**

Harmful if swallowed.

Irritating to eyes and skin.

May cause sensitisation by skin contact.

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## \* 1 Identification

- **Product identifier** H1301
- **Trade name:** Durapot 862 Hardener
- **Article number:** 862H
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Cotronics Corp  
131 47th Street  
Brooklyn, NY 11232  
USA
- **Information department:** In the event of an emergency please call Chemtrec at 1 800-424-9300 (24 hour)

## \* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Harmful

Harmful if swallowed.



Irritant

Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.

- **Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of international guidelines.

- **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labeling according to EU guidelines:** The product has been classified and marked in accordance with directives on hazardous materials.

- **Code letter and hazard designation of product:**



Harmful

- **Risk phrases:**

Harmful if swallowed.

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

May cause sensitisation by skin contact.

- **Safety phrases:**

Keep away from food, drink and animal feedingstuffs.

When using do not eat or drink.

Do not breathe vapour.

Do not breathe fumes.