

# Safety Data Sheet

acc. GHS

Printing date 06/15/2015

Reviewed on 06/15/2015

## \* 1 Identification

- . **Product identifier**
- . **Trade name** ZICH RICH PRIMIER
- . **Article number:** 16058
- . **Product use** No further relevant information available.
- . **Application of the substance / the mixture** Powder coating material
- . **Manufacturer/Supplier:**

The Eastwood Company  
263 Shoemaker Road  
Pottstown, PA 19464

Phone: 800-343-9353

Emergency Telephone number: 24/7 - 800-424-9300

## \* 2 Hazard(s) identification

- . **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

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

- . **Label elements**

- . **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- . **Hazard pictograms**



GHS05



GHS07



GHS08

- . **Signal word** *Danger*

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

bisphenol A

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**Hazard statements**

Causes serious eye damage.  
May cause an allergic skin reaction.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.

**Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves.  
Wear eye protection / face protection.  
Contaminated work clothing must not be allowed out of the workplace.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a poison center/doctor.  
Specific treatment (see on this label).  
Wash contaminated clothing before reuse.  
If exposed or concerned: Get medical advice/attention.  
If skin irritation or rash occurs: Get medical advice/attention.  
If on skin: Wash with plenty of water.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system**

**NFPA ratings (scale 0-4)**



Health = 1  
Fire = 1  
Reactivity = 1

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



Health = 1  
Fire = 1  
Reactivity = 1

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.  
**vPvB:** Not applicable.

## 3 Composition/information on ingredients

**Chemical characterization: Mixtures**

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

**Hazardous ingredients:**

7440-66-6	zinc powder -zinc dust (stabilized)	25-50%
12001-26-2	mica	10-25%
80-05-7	bisphenol A	2.5-10%
1314-13-2	zinc oxide	< 2.5%
693-98-1	2-methylimidazole	< 1.0%

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

## \* 4 First-aid measures

**Description of first aid measures**

**After inhalation**

Supply fresh air and call for doctor for safety reasons.  
In case of unconsciousness bring patient into stable side position for transport.

**After skin contact** Instantly wash with water and soap and rinse thoroughly.

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- . **After eye contact** Rinse opened eye for several minutes under running water.
- . **After swallowing** In case of persistent symptoms consult doctor.
- . **Information for doctor**
- . **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- . **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 jet. Fight larger fires with water jet or alcohol-resistant foam.
- . **For safety reasons unsuitable extinguishing media**  
Gaseous extinguishing agents (e.g. Carbon dioxide) under high pressure
- . **Special hazards arising from the substance or mixture**  
No further relevant information available.
- . **Advice for firefighters**
- . **Protective equipment:** No special measures required.

## 6 Accidental release measures

- . **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Avoid causing dust.
- . **Environmental precautions:**  
Do not allow product to reach sewage system or water bodies.  
Inform respective authorities in case product reaches water or sewage system.
- . **Methods and material for containment and cleaning up:** Collect mechanically.
- . **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 information on disposal.

## 7 Handling and storage

- . **Handling**
- . **Precautions for safe handling** No special measures required.
- . **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

- . Dust can combine with air to form an explosive mixture.
- . **Conditions for safe storage, including any incompatibilities**
- . **Storage**
- . **Requirements to be met by storerooms and containers:**  
Store only in the original container.  
Static charges may build up in the powder
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** None.
- . **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.

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### . Control parameters

#### . Components with critical values that require monitoring at the workplace:

##### 12001-26-2 mica

PEL (U.S.A)	Long-term value: 20 mppcf ppm <1% crystalline silica
REL (U.S.A)	Long-term value: 3* mg/m <sup>3</sup> *respirable dust; containing < 1% quartz
TLV (U.S.A)	Long-term value: 3* mg/m <sup>3</sup> *as respirable fraction
EL (Canada)	Long-term value: 3 mg/m <sup>3</sup>
EV (Canada)	Long-term value: 3(D) mg/m <sup>3</sup> respirable
LMPE (Mexico)	Long-term value: 3* mg/m <sup>3</sup> *fracción respirable

##### 1314-13-2 zinc oxide

PEL (U.S.A)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction and fume
REL (U.S.A)	Short-term value: 10** mg/m <sup>3</sup> Long-term value: 5* 5** mg/m <sup>3</sup> Ceiling limit value: 15* mg/m <sup>3</sup> *dust only **fume
TLV (U.S.A)	Short-term value: 10* mg/m <sup>3</sup> Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction
EL (Canada)	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
EV (Canada)	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup> respirable
LMPE (Mexico)	Short-term value: 10* mg/m <sup>3</sup> Long-term value: 2* mg/m <sup>3</sup> *fracción respirable

#### . Additional information:

The lists that were valid during the compilation were used as basis.

#### . Exposure controls

#### . Personal protective equipment

#### . General protective and hygienic measures

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

#### . 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.

#### . 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.

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. **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

. **Eye protection:**



Safety Glasses

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

\* **9 Physical and Chemical Properties**

. **Information on basic physical and chemical properties**

. **General Information**

. **Appearance:**

Form:

Solid

Colour:

According to Trade Name

. **Smell:**

Characteristic

. **Odour threshold:**

Not determined

. **pH-value:**

Not applicable

. **Change in condition**

Melting point/Melting range:

> 50 °C / 120°F

Boiling point/Boiling range:

> 260 °C (> 500 °F)

Not applicable

. **Flash point:**

Not applicable

. **Inflammability (solid, gaseous)**

Not determined

. **Ignition temperature:**

410 °C (770 °F)

. **Decomposition temperature:**

Not determined

. **Self-inflammability:**

Product is not selfigniting.

. **Danger of explosion:**

Product is not explosive. However, formation of explosive air/dust mixtures is possible

. **Critical values for explosion:**

Lower:

Not determined.

Upper:

Not determined.

. **Steam pressure:**

Not applicable.

. **Density (Specific gravity) at 20 °C (68 °F)**

1.86 g/cm<sup>3</sup> (15.522 lbs/gal)

. **Relative density**

Not determined.

. **Vapour density**

Not applicable.

. **Evaporation rate**

Not applicable.

. **Solubility in / Miscibility with**

Water:

Unsoluble

. **Partition coefficient (n-octanol/water):**

Not determined.

. **Viscosity:**

dynamic:

Not applicable.

kinematic:

Not applicable.

. **Solvent content:**

Organic solvents:

0.0 %

Solids content:

100.0 %

. **Other information**

No further relevant information available.

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## \* 10 Stability and Reactivity

- . **Reactivity**
- . **Chemical stability**
- . **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:** In case of fire: CO, CO<sub>2</sub>, NO<sub>x</sub>

## \* 11 Toxicological Information

- . **Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the skin:** Possible irritant effects
- . **on the eye:** Possible irritant effects
- . **Sensitization:** Sensitization possible by skin contact.
- . **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant
- . **Carcinogenic categories**

. <b>IARC (International Agency for Research on Cancer)</b>		
693-98-1	2-methylimidazole	2B
112926-00-8	Silicon dioxide	3

- . **NTP (National Toxicology Program)**
- None of the ingredients is listed.

- . **OSHA-Ca (Occupational Safety & Health Administration)**
- None of the ingredients is listed.

## \* 12 Ecological information

- . **Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Behaviour in environmental systems:**
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Ecotoxicological effects:**
- . **Remark:** Very toxic for fish
- . **Additional ecological information:**
- . **General notes:**  
Water hazard class 2 (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even small quantities leak into soil.  
Also poisonous for fish and plankton in water bodies.  
Very toxic for aquatic organisms
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **Other adverse effects** No further relevant information available.

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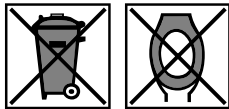
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## \* 13 Disposal considerations

- . Waste treatment methods
- . Recommendation



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

- . Uncleaned packagings:
- . Recommendation: Disposal must be made according to official regulations.

## \* 14 Transport information

- . UN-Number N/A
- . DOT N/A
- . UN proper shipping name
- . DOT, IMDG, IATA N/A
- . Transport hazard class(es)
- . DOT, IMDG, IATA
- . Class Not regulated.
- . Packing group N/A
- . DOT N/A
- . Environmental hazards:
- . Marine pollutant: No
- . Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

## \* 15 Regulatory information

- . Safety, health and environmental regulations/legislation specific for the substance or mixture
- . SARA (Superfund Amendments and Reauthorization Act):

### . Section 355 (Extremely hazardous substances):

None of the ingredients is listed.

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

7440-66-6	zinc powder -zinc dust (stabilized)
80-05-7	bisphenol A
1314-13-2	zinc oxide

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

All ingredients are listed.

### . Proposition 65:

#### . Chemicals known to cause cancer:

693-98-1	2-methylimidazole
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#### . 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.

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. **Cancerogenity categories**

. <b>EPA (Environmental Protection Agency)</b>		
7440-66-6	zinc powder -zinc dust (stabilized)	II
1314-13-2	zinc oxide	D, I, II

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

None of the ingredients is listed.

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

None of the ingredients is listed.

. **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

. **Hazard pictograms**



GHS05



GHS07



GHS08

. **Signal word** *Danger*

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

bisphenol A

. **Hazard statements**

Causes serious eye damage.

May cause an allergic skin reaction.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

. **Precautionary statements**

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

Wear protective gloves.

Wear eye protection / face protection.

Contaminated work clothing must not be allowed out of the workplace.

Obtain special instructions before use.

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

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

If exposed or concerned: Get medical advice/attention.

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

If on skin: Wash with plenty of water.

Store locked up.

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

. **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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.

. **Date of preparation / last revision** 06/15/2015 / -

. **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Carc. 2: Carcinogenicity, Hazard Category 2

Repr. 2: Reproductive toxicity, Hazard Category 2

**. \* Data compared to the previous version altered.**

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