

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 12/19/2016

Revision: 12/19/2016

### 1 Identification

- **Product identifier**
- **Trade name: Aluminum Hammertone Enamel**
- **Product code: 7044**
- **Recommended use and restriction on use**
- **Recommended use:** Coating material
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Rose Talbert Paint Company  
901 Frink Street  
PO BOX 2658  
Cayce-West Columbia, SC 29171  
Phone: 803.796.0324  
Fax: 803.791.0648  
Email: info@rosetalbertpaint.com
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

### 2 Hazard(s) identification

- **Classification of the substance or mixture**
- Flam. Liq. 2 H225 Highly flammable liquid and vapor.
- Skin Irrit. 2 H315 Causes skin irritation.
- Eye Irrit. 2B H320 Causes eye irritation.
- Skin Sens. 1 H317 May cause an allergic skin reaction.
- Carc. 2 H351 Suspected of causing cancer.
- Repr. 2 H361 Suspected of damaging fertility or the unborn child.
- STOT SE 3 H336 May cause drowsiness or dizziness.
- STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms:**



GHS02 GHS07 GHS08

- **Signal word:** Danger

- **Hazard statements:**

H225 Highly flammable liquid and vapor.  
H315+H320 Causes skin and eye irritation.  
H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer.

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- H361 Suspected of damaging fertility or the unborn child.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- **Precautionary statements:**
  - P201 Obtain special instructions before use.
  - P202 Do not handle until all safety precautions have been read and understood.
  - P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
  - P241 Use explosion-proof electrical/ventilating/lighting/equipment.
  - P260 Do not breathe mist/vapors/spray.
  - P264 Wash thoroughly after handling.
  - P280 Wear protective gloves/protective clothing/eye protection.
  - P240 Ground/bond container and receiving equipment.
  - P233 Keep container tightly closed.
  - P242 Use only non-sparking tools.
  - P243 Take precautionary measures against static discharge.
  - P270 Do not eat, drink or smoke when using this product.
  - P271 Use only outdoors or in a well-ventilated area.
  - P272 Contaminated work clothing must not be allowed out of the workplace.
  - P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.
  - P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - P363 Wash contaminated clothing before reuse.
  - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
  - P337+P313 If eye irritation persists: Get medical advice/attention.
  - P308+P313 IF exposed or concerned: Get medical advice/attention.
  - P405 Store locked up.
  - P403+P235 Store in a well-ventilated place. Keep cool.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

64742-49-0	aliphatic hydrocarbon <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 2, H225</li> <li>⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H336</li> <li>⚠ Eye Irrit. 2B, H320</li> </ul>	20-40%
1330-20-7	xylene <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 3, H226</li> <li>⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315</li> </ul>	5-10%

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7429-90-5	aluminium powder (stabilised) ⚠ Flam. Sol. 1, H228; Water-react. 2, H261	1-5%
100-41-4	ethylbenzene ⚠ Flam. Liq. 2, H225 ☠ Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H332	1-5%
8052-41-3	Stoddard solvent ⚠ Flam. Liq. 3, H226 ⚠ STOT RE 1, H372; Asp. Tox. 1, H304	1-5%
96-29-7	2-butanone oxime ☠ Carc. 2, H351 ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H312; Skin Sens. 1, H317 ⚠ Flam. Liq. 4, H227	<1%
27253-31-2	Cobalt carboxylate ☠ Carc. 2, H351; Repr. 2, H361 ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317	<1%

· **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.  
For the wording of the listed Hazard Statements refer to section 16.

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately remove any clothing soiled by the product.  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Do not induce vomiting; immediately call for medical help.

· **Most important symptoms and effects, both acute and delayed:**

Headache  
Coughing  
Allergic reactions  
Dizziness  
Irritant to skin and mucous membranes.  
Causes eye irritation.

· **Danger:**

May be harmful if inhaled.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
Causes damage to organs through prolonged or repeated exposure.

· **Indication of any immediate medical attention and special treatment needed:**

Contains Cobalt carboxylate, 2-butanone oxime. May produce an allergic reaction.

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Treat skin and mucous membrane with antihistamine and corticoid preparations.

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### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  - Water fog / haze
  - Foam
  - Carbon dioxide
  - Gaseous extinguishing agents
  - Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**
  - Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- **Additional information:** Eliminate all ignition sources if safe to do so.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Use respiratory protective device against the effects of fumes/dust/aerosol.
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation.
  - Keep away from ignition sources.
  - Protect from heat.
- **Environmental precautions**
  - Do not allow to enter sewers/ surface or ground water.
  - Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up**
  - Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
  - Ensure adequate ventilation.
  - Do not flush with water or aqueous cleansing agents
  - Send for recovery or disposal in suitable receptacles.
- **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:**
  - Keep out of reach of children.

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- Avoid contact with the eyes and skin.
- Prevent formation of aerosols.
- Avoid splashes or spray in enclosed areas.
- Use only in well ventilated areas.
- **Information about protection against explosions and fires:**
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.
  - Flammable gas-air mixtures may be formed in empty containers/receptacles.
  - Flammable liquid and vapor.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
  - Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
  - Store away from foodstuffs.
  - Store away from oxidizing agents.
- **Further information about storage conditions:**
  - Store in cool, dry conditions in well sealed receptacles.
  - Keep containers tightly sealed.
- **Specific end use(s)** No relevant information available.

### 8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**1330-20-7 xylene**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 650 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm A4, IBE

**100-41-4 ethylbenzene**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm

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TLV (USA)	Long-term value: 87 mg/m <sup>3</sup> , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 540 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
LMPE (Mexico)	Long-term value: 20 ppm

**8052-41-3 Stoddard solvent**

PEL (USA)	Long-term value: 2900 mg/m <sup>3</sup> , 500 ppm
REL (USA)	Long-term value: 350 mg/m <sup>3</sup> Ceiling limit value: 1800* mg/m <sup>3</sup> *15-min
TLV (USA)	Long-term value: 525 mg/m <sup>3</sup> , 100 ppm
EL (Canada)	Short-term value: 580 mg/m <sup>3</sup> Long-term value: 290 mg/m <sup>3</sup>
EV (Canada)	Long-term value: 525 mg/m <sup>3</sup>
LMPE (Mexico)	Long-term value: 100 ppm

**96-29-7 2-butanone oxime**

WEEL (USA)	Long-term value: 10 ppm DSEN
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**Ingredients with biological limit values:**

**1330-20-7 xylene**

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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**100-41-4 ethylbenzene**

BEI (USA)	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
	- Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.
- Keep ignition sources away - Do not smoke.

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Pregnant women should strictly avoid inhalation or ingestion.

· **Engineering controls:** Provide adequate ventilation.

· **Breathing equipment:**

Not required under normal conditions of use.

Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment**

No relevant information available.

### 9 Physical and chemical properties

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

· **Appearance:**

· **Form:** Liquid

· **Color:** According to product specification

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** >35 °C (>95 °F)

· **Flash point:** <23 °C (<73 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not determined.

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- **Density:**
  - Relative density:** 0.85 - 0.95
  - Vapor density:** Not determined.
  - Evaporation rate:** Not determined.
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity**
  - Dynamic:** Not determined.
  - Kinematic at 40 °C (104 °F):** >20.5 mm<sup>2</sup>/s (estimated)
  - VOC content:** 454 g/L
- **Other information** No relevant information available.

### 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- **Possibility of hazardous reactions**  
Flammable liquid and vapor.  
Used empty containers may contain product gases which form explosive mixtures with air.  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
- **Conditions to avoid**  
Keep ignition sources away - Do not smoke.  
Store away from oxidizing agents.
- **Incompatible materials** No relevant information available.
- **Hazardous decomposition products**  
Possible in traces:  
Carbon monoxide and carbon dioxide  
Toxic metal compounds

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

**1330-20-7 xylene**

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

**100-41-4 ethylbenzene**

Oral	LD50	3500 mg/kg (rat)
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Dermal	LD50	17800 mg/kg (rabbit)
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- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Irritating effect.
- **Sensitization:** May cause sensitisation by skin contact.

· **IARC (International Agency for Research on Cancer):**

27253-31-2	Cobalt carboxylate	2B
100-41-4	ethylbenzene	2B
91-20-3	naphthalene	2B

· **NTP (National Toxicology Program):**

91-20-3	naphthalene	R
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· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

- Ingestion.
- Inhalation.
- Eye contact.
- Skin contact.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

- Carc. 2, Repr. 2
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Suspected of causing cancer.
- **Reproductive toxicity:** Suspected of damaging fertility or the unborn child.
- **STOT-single exposure:** May cause drowsiness or dizziness.
- **STOT-repeated exposure:** Causes damage to organs through prolonged or repeated exposure.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity**

**1330-20-7 xylene**

LC50	13.4 mg/l (pimephales promelas)
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**100-41-4 ethylbenzene**

EC50	1-10 mg/kg (daphnia)
LC50	1-10 mg/l (Green Algae (chlorophyta))
	4.2 mg/l (Oncorhynchus mykiss)

- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Ecotoxic effects:**
- **Remark:**  
Harmful to fish

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Due to mechanical actions of the product (e.g. agglutinations), damages may occur.


- **Additional ecological information**
- **General notes:** Avoid release to the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1263
- **UN proper shipping name**
- **DOT, IATA** Paint
- **ADR, IMDG** PAINT

- **Transport hazard class(es)**
- **DOT**
-  3 Flammable liquids
- **Class**
- **Label** 3

- **ADR**
-  3 (F1) Flammable liquids
- **Class**

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<b>· Label</b>	3
<hr style="border-top: 1px dashed black;"/>	
<b>· IMDG, IATA</b>	
	
<b>· Class</b>	3 Flammable liquids
<b>· Label</b>	3
<b>· Packing group</b>	
<b>· DOT, ADR, IMDG, IATA</b>	II
<b>· Environmental hazards</b>	
<b>· Marine pollutant:</b>	No
<b>· Special precautions for user</b>	Warning: Flammable liquids
<b>· Danger code (Kemler):</b>	33
<b>· EMS Number:</b>	F-E,S-E
<b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>· Transport/Additional information:</b>	
<b>· DOT</b>	
	Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.
<hr style="border-top: 1px dashed black;"/>	
<b>· ADR</b>	
	Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.
<hr style="border-top: 1px dashed black;"/>	
<b>· IMDG</b>	
	Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.
<hr style="border-top: 1px dashed black;"/>	
<b>· IATA</b>	
	Limited Quantity for packages less than 30 kg gross and inner packagings less than 0.5 L each / 1 L net.

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### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

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

1330-20-7 xylene

7429-90-5 aluminium powder (stabilised)

100-41-4 ethylbenzene

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

100-41-4 ethylbenzene

91-20-3 naphthalene

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

None of the ingredients are listed.

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

None of the ingredients are listed.

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

None of the ingredients are listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency):**

1330-20-7 xylene

I

100-41-4 ethylbenzene

D

· **IARC (International Agency for Research on Cancer):**

27253-31-2 Cobalt carboxylate

2B

100-41-4 ethylbenzene

2B

91-20-3 naphthalene

2B

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

None of the ingredients are listed.

· **Canadian Domestic Substances List (DSL):**

All ingredients listed on DSL or NDSL.

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

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 12/19/2016 / -

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

LDLo: Lowest Lethal Dose Observed

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Flam. Sol. 1: Flammable solids – Category 1

Water-react. 2: Substances and mixtures which in contact with water emit flammable gases – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

Carc. 2: Carcinogenicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

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