



MATERIAL SAFETY DATA SHEET

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KL310AS - KOP-R-LASTIC ALUMINUMSTON

1. Product And Company Identification

Supplier

HENRY COMPANY

909 N. Sepulveda Blvd., Suite 650

El Segundo, CA 90245-2724

Company Contact: Technical Services

Telephone Number: (800) 486-1278

Web Site: www.henry.com www.bakor.com

Manufacturer

HENRY COMPANY

909 N. Sepulveda Blvd., Suite 650

El Segundo, CA 90245-2724

Company Contact: Technical Services

Telephone Number: (800) 486-1278

Web Site: www.henry.com www.bakor.com

Supplier Emergency Contacts & Phone Number

CHEMTREC: (800) 424-9300

CHEMTREC: (703) 527-3887

CANUTEC: (613) 996-6666

Manufacturer Emergency Contacts & Phone Number

CHEMTREC: (800) 424-9300

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Issue Date: 02/19/2011

Product Name: KL310AS - KOP-R-LASTIC ALUMINUMSTON

Product Code: KL310AS

Product/Material Uses

Sealant

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
calcium carbonate	1317-65-3	10 - 20
ethyl benzene	100-41-4	5 - 10
mineral oil	8012-95-1	5 - 15
rubber compounds	NA - Mixture	25 - 45
silica, amorphous	112926-00-8	1 - 5
titanium dioxide	13463-67-7	0.1 - 1
xylene	1330-20-7	10 - 30

EMERGENCY OVERVIEW

CAUTION! Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Direct skin and eye contact may cause irritation. Ingestion may cause gastric distress.

Appearance/Odor: liquid, solvent odor

3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation, skin absorption

Eye Hazards

May cause eye irritation (burning, tearing, redness or swelling).

Skin Hazards

Causes skin irritation, possible defatting and dermatitis to skin.

KL310AS - KOP-R-LASTIC ALUMINUMSTON**3. Hazards Identification - Continued****Ingestion Hazards**

May be harmful if swallowed. May cause central nervous system depression, kidney damage, and liver damage. Symptoms may include: headache, excitement, fatigue, nausea, vomiting, stupor, and coma. Causes gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal. May cause gastric distress, vomiting and diarrhea. May cause irritation to the mouth, throat, and digestive tract.

Inhalation Hazards

Inhalation of vapors or mists may cause irritation of the nose and throat, headaches, nausea, dizziness, disorientation, and numbness in fingers and toes.

Chronic/Carcinogenicity Effects

This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.

Chronic exposure can lead to permanent brain and central nervous system damage.

4. First Aid Measures**Eye**

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

Remove contaminated clothing and shoes. Wash affected areas with soap and water.

Ingestion

Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.

Inhalation

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Contact a physician if symptoms develop.

5. Fire Fighting Measures

Flash Point: 75 °F 24 °C

Flash Point Method: TCC

Lower Explosive Limit: not available

Upper Explosive Limit: not available

Fire And Explosion Hazards

Flammable liquid. During a fire, toxic and irritating gases may be generated, including carbon dioxide, and carbon monoxide.

Extinguishing Media

Carbon dioxide, water, water fog, dry chemical, chemical foam.

Fire Fighting Instructions

Keep containers cool with water spray to prevent pressure build up and container rupture which could exacerbate existing fire. Fire fighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Avoid runoff to waterways and sewers. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations.

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7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from physical damage. Protect from extreme temperatures. Keep out of reach of children.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.

Eye/Face Protection

If there is a potential for splashing, faceshield over safety glasses or goggles.

Skin Protection

Use with chemical-protective gloves to prevent skin contact.

Respiratory Protection

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator. Respirator use may be required due to secondary operations such as mixing, spraying, sanding, buffing, etc.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

Ingredient(s) - Exposure Limits

ethyl benzene

ACGIH TLV-STEL 125 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

mineral oil

ACGIH TLV-STEL 10 mg/m³ (Notice of Intended Change)

ACGIH TLV-TWA 5 mg/m³ (Notice of Intended Change)

ACGIH TLV-TWA 0.2 mg/m³ (Proposed)

OSHA PEL-TWA 5 mg/m³

silica, amorphous

OSHA PEL-TWA 80 mg/m³ / (%SiO₂)

titanium dioxide

ACGIH TLV-TWA 10 mg/m³ (respirable)

OSHA PEL-TWA 15 mg/m³ (total dust)

xylene

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

9. Physical And Chemical Properties

Appearance

liquid

Odor

solvent odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: not available °F not available °C

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9. Physical And Chemical Properties - Continued

Odor - Continued

Specific Gravity: approximately 1.0
Percent Volatiles: approximately 30
Vapor Pressure: not available
Vapor Density: >1
pH Factor: not applicable
Solubility: not soluble
Evaporation Rate: not available

10. Stability And Reactivity

Stability: stable
Hazardous Polymerization: not expected to occur

Conditions To Avoid (Stability)

Keep away from ignition sources, heat, sparks and flames.

Hazardous Decomposition Products

Decomposition not likely to occur if handled and stored properly.

11. Toxicological Information

Chronic/Carcinogenicity

IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium dioxide, ethyl benzene.

Mixed xylenes are considered fetotoxic, based on observations of reduced fetal weight, delayed ossification and persistent behavioral effects in the absence of maternal toxicity. Other developmental effects have been observed in the presence of maternal toxicity.

Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

Miscellaneous Toxicological Information

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Ingredient(s) - Toxicological Data

calcium carbonate

LD50 (oral-rat) : 6450 mg/kg

ethyl benzene

LC50 (rat) approximately 4000 ppm (4 hour)

LD50 (oral rat) 3500 mg/kg

LD50 (dermal rabbit) 15380 mg/kg (17.8 mL/kg)

titanium dioxide

LD50 (oral, mouse): >10,000 mg/kg

LD50 (oral, rat): >25,000 mg/kg

LD50 (dermal, rabbit): >10,000 mg/kg

LC50 (inhalation, rat): >6820 mg/m³ (4 Hr)


xylene

LD50 (oral, rat): 5400 mg/kg

LD50 (dermal, rabbit): 12180 mg/kg

LC50 (rat): 6350 ppm (4-hour exposure)

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12. Ecological Information
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.
14. Transport Information
Ground UN1133, Adhesives, 3, III
IMDG UN1133, Adhesives, 3, III
IATA UN1133, Adhesives, 3, III
<u>DOT (Pictograms)</u>

15. Regulatory Information
<u>U.S. Regulatory Information</u>
Warning: This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm.
<u>SARA Hazard Classes</u>
Acute Health Hazard
<u>Ingredient(s) - U.S. Regulatory Information</u>
ethyl benzene
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
xylene
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
<u>Ingredient(s) - State Regulations</u>
calcium carbonate
Pennsylvania - Workplace Hazard
ethyl benzene
New Jersey - Workplace Hazard
New Jersey - Environmental Hazard
New Jersey - Special Hazard
Pennsylvania - Workplace Hazard
Pennsylvania - Environmental Hazard
Massachusetts - Hazardous Substance
New York City - Hazardous Substance
mineral oil
New Jersey - Workplace Hazard
Pennsylvania - Workplace Hazard
Pennsylvania - Special Hazard
Massachusetts - Hazardous Substance
silica, amorphous
New Jersey - Workplace Hazard
Pennsylvania - Workplace Hazard
Massachusetts - Hazardous Substance
titanium dioxide

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

New Jersey - Workplace Hazard
 Pennsylvania - Workplace Hazard
 New York City - Hazardous Substance

xylene

New Jersey - Workplace Hazard
 New Jersey - Environmental Hazard
 New Jersey - Special Hazard
 Pennsylvania - Workplace Hazard
 Pennsylvania - Environmental Hazard
 Massachusetts - Hazardous Substance
 New York City - Hazardous Substance

Canadian Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: D2A - Very Toxic, B2 - Flammable Liquid.

Ingredient(s) - Canadian Regulatory Information

ethyl benzene

WHMIS - Ingredient Disclosure List

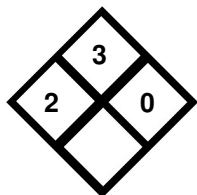
titanium dioxide

WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 04/29/2008

Disclaimer

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HENRY COMPANY