

Report No.: I12012045116D

SDS Report

Sample Description

HEAT WRAP

Applicant

ChangZhou GuMei Bandage Co., Ltd

Pony Testing International Group

www.ponytest.com

No.: I12012045116D

Code: z6b4ijl6

Safety Data Sheet (SDS)

according to 29CFR 1910.1200 (g)ANSI Z400.1Z129.1-2010

HEAT WRAP

Section 1 - Chemical Product and Company Identification

Sample Name: HEAT WRAP

Sample Code: N/A

Recommended Uses: Repair of heat pipeline, such as auto vent-pipe.

Restrictions on use: N/A

Export to: N/A

Company Identification: ChangZhou GuMei Bandage Co., Ltd

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Post Code: 213177

E-mail: chenghenina@sina.com

Emergency Telephone: 801 607 5344.

Section 2 - Hazards Identification


2.1 Emergency Overview:

Appearance/Odor: Brown fabric, characteristic odor.

No Physical and chemical hazards under reasonable conditions. If contacted or inhaled, may cause eyes, skin and respiratory tract irritation.

2.2 OSHA Regulatory Status: CAS# 68092-58-0 is considered hazardous by the OSHA hazard communication standard (29 CFR 1910.1200):

Resp. Sens. 1

| | |
|-------------|---|
| pictogram |  |
| Signal word | Danger |

| | |
|-----------------------------------|---|
| Hazard Statement(s) | H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| Precautionary statement(s) | <p>P261 Avoid breathing fume.</p> <p>P284 [In case of inadequate ventilation] wear respiratory protection.</p> <p>P304 + P340 IF INHALED: remove person to fresh air and keep comfortable for breathing.</p> <p>P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.</p> <p>P501 Dispose of contents and container in accordance with national regulations.</p> |

2.3 Potential Health Hazards:

Relevant routes of exposure: See Section 11 for more information.

Medical condition aggravated by exposure: N/A.

2.4 Potential Environmental Hazards: N/A.

2.5 Carcinogenicity: See Section 11.

Section 3 - Composition, Information on Ingredients

General Chemical Description: This chemical product is a mixture.

Composition, Information on Ingredients:

| Chemical Name | CAS No. | % (weight) | EC# | Classification |
|---|------------|------------|-----------|-----------------------|
| Glass, oxide, chemicals | 65997-17-3 | 52% | 266-046-0 | Not Classified |
| Silicone rubber, one component RTV | N/A | 26% | N/A | N/A |
| Polyurethane prepolymer of MDI and polyether polyol | 68092-58-0 | 22% | N/A | Resp. Sens. 1 H334 |

Section 4 - First Aid Measures

4.1 First aid procedures by route of exposure:

Inhalation: If inhaled, remove to fresh air immediately. If breathing is difficult, oxygen may be beneficial by trained personnel. If not breathing, give artificial respiration immediately. Get medical aid immediately if feel unwell.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. DO NOT rubbing eyes with hand. Continue rinsing. Get medical aid immediately.

Ingestion: Ingestion of this material is unlikely. IF SWALLOWED, Do NOT induce vomiting. Rinse mouth. Get medical aid immediately.

4.2 Most important acute and delayed symptoms/effects: See Section 11 for more information.

4.3 Antidotes: N/A.

4.4 Note to Physicians: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

5.1 Flammable properties: N/A.

5.2 Extinguishing Media:

Suitable extinguishing Media: Suitable extinguishing Media: Use appropriate extinguishing media in case of fire. Such as powder, water spray, foam, carbon dioxide and dry sand.

Unsuitable extinguishing media: N/A.

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

5.4 Specific hazards arising from the chemical: No specific hazards under normal storage and handling conditions. Gives off irritating or toxic fumes (or gases) in a fire.

5.5 Protective equipment and precautions for firefighters: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Approach fire from upwind to avoid hazardous vapors and toxic

decomposition products. Move containers from fire area if this can be done without risk. Prevent run off from fire control dilution from entering streams or drinking water supply.

Section 6 - Accidental Release Measures

- 6.1 Personal Precautions:** No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Use proper personal protective equipment as indicated in Section 8.
- 6.2 Environmental Precautions:** Evacuate and ventilate spill area. Stop leak if safe to do so. Move containers from spill area. Isolate hazard area. Do not touch or walk through spilled material. Remove all sources of ignition or heat. Review Section 5 and Section 7 sections before proceeding with clean-up.
- 6.3 Methods for Containment:** Stop leak if safe to do so. Move containers from spilled area.
- 6.4 Methods for Clean-Up:** Remove all sources of ignition. Ensure adequate ventilation. Carefully shovel or sweep up the product and place in suitable container for disposal according to local regulations.
- 6.5 Other Information:** N/A
- 6.6 Spill or leak statements by type of chemical:** Use appropriate personal protective equipment(PPE).

Section 7 - Handling and Storage

General Information: This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

- 7.1 Storage:** Ensure good local exhaust ventilation. Handle and open

container with care. Keep container tightly closed and away from incompatible substances (see section 10), any sources of ignition or heat (e.g. open flames, sparks, direct sunlight, smoking, hot surfaces), foodstuffs, beverages and foods. Wash clothing and shoes thoroughly before reuse. The work area should be equipped with the corresponding species and quantity of fire-fighting equipments and emergency equipments.

7.2 Handling: Keep container securely sealed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances (see section 10), any sources of ignition, feedstuffs, beverages and foods. Avoid physical damage to containers. The storage area should be equipped with the corresponding species and quantity of emergency equipment, spills emergency treatment equipment and appropriate storage material.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limit: No information found.

8.2 Engineering Controls: Use adequate ventilation to keep airborne concentrations low. Equipped with safety shower and eyes bath.

8.3 Personal Protective Equipment:

Respiratory Protection: It is recommended to wear appropriate protective respiratory masks. A full face positive pressure supplied-air respirator or a self contained breathing apparatus should be used when there is the risk of greater exposure.

Hand Protection: Wear appropriate protective gloves to reduce the contact.

Eyes Protection: Wear appropriate safety spectacles.

Skin and Body Protection: Wear appropriate protective clothing to prevent skin exposure.

8.4 General hygiene considerations: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Section 9 - Physical and Chemical Properties

Appearance: Brown fabric.
Odor: Characteristic odor.
Odor threshold: N/A
Physical state: N/A
pH: N/A
Melting Point: N/A
Initial Boiling Point and Boiling range: N/A
Flash Point: N/A
Relative Density: N/A
Evaporation rate: N/A
Upper/lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Vapor Density (Air=1): N/A
Density: N/A
Relative density: N/A
Solubility: N/A
Auto-ignition Temperature: N/A
Decomposition temperature: N/A
Flammability: N/A

Section 10 - Stability and Reactivity

- 10.1 Reactivity:** No reactivity under normal storage and handling conditions.
- 10.2 Possibility of hazardous reactions:** No hazardous reactions under normal storage and handling conditions. Gives off irritating or toxic fumes (or gases) in a fire.
- 10.3 Chemical Stability:** Stable under normal storage and handling conditions.
- 10.4 Conditions to Avoid:** Incompatible materials, any sources of ignition.
- 10.5 Incompatibilities Materials:** Strong acids, strong oxidants, strong bases, etc.

10.6 Hazardous Decomposition Products: Gives off irritating or toxic fumes (or gases) including silicon oxide, nitrogen oxides, etc. in a fire.

Section 11 - Toxicological Information

11.1 Toxicological information: No data available.

Medical condition aggravated by exposure: No data available.

11.2 Toxicity Data: No data available.

11.3 Repeated dose effects: No data available.

11.4 Skin Irritation: No data available.

Eye Irritation: No data available.

11.5 Respiratory or Skin sensitization: No data available.

11.6 Carcinogenicity:

Composition: CAS# 65997-17-3

- Not listed as a carcinogen by ACGIH, IARC, or CA Prop 65.

Composition: CAS# 68092-58-0

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11.7 Neurological effects: No data available.

11.8 Reproductive Cell Mutagenicity: No data available.

Reproductive Toxicity: No data available.

11.9 Skin corrosion: No data available.

Eye corrosion: No data available.

11.10 Developmental effects: No data available.

11.11 Specific target organ toxicity-Single exposure: No data available.

Specific target organ toxicity-Repeated exposure: No data available.

11.12 Aspiration hazard: May cause allergy or asthma symptoms or breathing difficulties if inhaled

Section 12 - Ecological Information

12.1 Ecotoxicity: No data available.

12.2 Persistence/Degradability: No data available.

12.3 Bioaccumulation/Accumulation: No data available.

12.4 Mobility in environmental media: No data available.

12.5 Other adverse effects: No data available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations.

The generation of waste should be avoided or minimized wherever possible. Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7-Handling and Storage and Section 8-Exposure Controls/Personal Protection for additional handling information and protection of employees.

Section 14 - Transport Information

Not regulated as a hazardous material for transportation. (IATA DGR 55th, IMDG Code 36-12 edition, UN TDG Rev.18)

UN: N/A

UN Classification: N/A

UN proper Shipping Name: N/A

Packaging Sign: N/A

Packaging group: N/A

Marine Pollutant (Y/N): None

Transport in bulk according to MARPOL73/78 Annex II and the IBC Code:
N/A

Transport Fashion: By air, by sea, and by road.

Packaging information: N/A

Shipping Notice: Packaging is intact and transport is secure. Avoid the physical damage of the packaging.

Section 15 - Regulatory Information

Regulatory Information: Reference to the local, national, US, EU, CA and international regulations.

| CAS No. | TSCA | IECSC | EINECS/ ELINCS/NLP | DSL/NDSL |
|------------|----------|--------|-----------------------|---------------|
| 65997-17-3 | Listed | Listed | Listed | Listed in DSL |
| 68092-58-0 | Unlisted | Listed | Unlisted | Listed in DSL |

California Prop.65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Additional Information

Issue Time: 2014-12-5

Issue Department: Technical department

Data review unit: /

Modification record: /

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

ACGIH: (American Conference of Governmental Industrial Hygienists); CAS: (Chemical Abstracts Service); DSL: (the Domestic Substances List of Canada); EC: (European Commission); BCF: (Bioconcentration Factor); BOD: (Biochemical oxygen demand); EC50: (Median effective concentration); IARC: (International Agency for Research on Cancer); IATA: (International Air Transport Association); ENCS(MITI No.): (Existing and New Chemical Substances of Japan); IECSC: (Inventory of

Existing Chemical Substances in China); IMDG: (International Maritime Dangerous Goods); LC50: (Lethal concentration, 50 percent kill); LD50: (Lethal dose, 50 percent kill); NDSL: (the Non-domestic Substances List of Canada); NIOSH: (US National Institute for Occupational Safety and Health); NOEC: (No observed effect concentration); NTP: (US National Toxicology Program); OSHA: (US Occupational Safety and Health); PC-STEL: (Permissible concentration-time weighted average); PC-TWA: (Permissible concentration-short time exposure limit); PEL: (Permissible Exposure Level); REL: (Recommended Exposure Limit); RTECS: (Registry of Toxic Effects of Chemical Substances); STEL: (Short Term Exposure Limit); TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations); TOC: (Total Organic Carbon); TSCA: (Toxic Substances Control Act of USA); TWA: (Time Weighted Average); TLV: (Threshold Limit Value)