

Safety Data Sheet acc. to OSHA HCS

Printing date 07/13/2016

Reviewed on 07/13/2016

1 Identification

- **Product identifier**
- **Trade name:** Ruzi Radial/Diagonal
- **Internal identification code:** Consult product catalog.
- **Main recommended uses for the substance or product:**
Reform of bias and radial tires, load and ride, the reform process of the cold tire.
- **Uses advised against:**
This product must not be used for applications other than those recommended in this section.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Vipal Rubber Corporation
2750 N.W. 84th Avenue
Miami, Florida – 33122 – USA
Phone: 305 640 0330
Fax: 305 640 0310
- **E-mail:** info@vipal-usa.com
- **Emergency telephone number:** +1 305 640 0330

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization:** Mixture
- **Description:**
Composed of rubber-based polymers, fillers and reinforcements crosslinking chemical additives, and tackiness of protection.
- **Dangerous components:** Void
- **Additional information:** The product, in its final form, offers no danger.

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Not applicable
- **After skin contact:**
Due to its physical state, there is no possibility of skin or eye contamination or contamination through ingestion.
- **After eye contact:** Not applicable.

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- **After swallowing:** Not applicable.
- **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:**
Use chemical-powder (PQS), chemical-foam, or CO2 sprinkles. Use water-mist spout to cool down adjacencies.
- **For safety reasons unsuitable extinguishing agents:** Jet of water.
- **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:** Not required.
- **For people who are not part of the emergency services:** No special measures required.
- **For people part of the emergency services:** No special measures required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
No dangerous substances are released.
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 and directions for safe handling:** No special measures required.
- **Information about fire and explosion protection:** No special measures required.
- **Hygienic measures:** Wash hands before eating, drinking, smoking or using the toilet.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Prevention of fire and explosions:**
Store in a cool, covered and ventilated, sheltered from sunlight, moisture and sources of ozone.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Specific end use(s)** Reform of bias and radial tires, load and ride, the reform process of the cold tire.

* 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.
- **Ingredients with biological limit values:** Non-biological indicators of exposure were established.

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- **Engineering control measures:** Not applicable.
- **Personal protective equipment:**
- **Respiratory protection:** Not required.
- **Protection of hands and body:**
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 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.
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 Leather gloves
- **Thermal Hazards:** Not available.
- **Eye protection:** Not required.
- **Limitation and supervision of exposure into the environment** No special measures required.

9 Physical and chemical properties

- | | |
|--|---|
| · Appearance: | |
| Form: | Solid |
| Color: | Black |
| · Odour and odour limit: | Characteristic |
| · pH | Not applicable. |
| · Change in condition | |
| Melting point/Melting range: | Not available. |
| Initial boiling point and temperature range: | Not applicable. |
| · Flash point: | Not applicable. |
| · Flammability (solid, gaseous): | Not applicable. |
| · Ignition temperature: | |
| Decomposition temperature: | Not available. |
| · Self-igniting: | Product is not selfigniting. |
| · Danger of explosion: | Product does not present an explosion hazard. |
| · Lower/upper limit of flammability or explosiveness: | |
| Lower: | Not applicable. |
| Upper: | Not applicable. |
| · Vapor pressure: | Not applicable. |
| · Density: | |
| Relative density | Not available. |
| Vapor density | Not available. |
| · Solubility in / Miscibility with | |
| Water: | Insoluble. |
| · Partition coefficient (n-octanol/water): | Not applicable. |

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- **Viscosity:**
- Dynamic:** *Not applicable.*
- Kinematic:** *Not applicable.*
- **Other information** *No further relevant information available.*

10 Stability and reactivity

- **Reactivity and chemical stability:** *No further relevant information available.*
- **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:** *Product not classified as acute toxic.*
- **Skin corrosion/irritation:** *No irritant effect.*
- **Serious eye damage/irritation:** *No irritating effect.*
- **Respiratory or skin sensitisation:** *No sensitizing effects known.*
- **Germ cell mutagenicity:** *It is not expected mutagenic effects in germ cells.*
- **Carcinogenicity:** *It is not expected that the product presents carcinogenicity to humans.*
- **Reproductive toxicity:** *It is not expected that the product presents toxicity to reproduction and lactation.*
- **Toxicity for specific target organ-single exposure:**
It is not expected that the product presents effects of toxicity for specific target organs by single exposure.
- **Toxicity for specific target organ-repeated exposure:**
It is not expected that the product presents effects of toxicity for specific target organs by repeated exposure.
- **Aspiration hazard:** *It is not expected that the product presents danger by aspiration.*

12 Ecological information

- **Ecotoxicity:** *Not considered toxic to fish.*
- **Persistence and degradability** *No further relevant information available.*
- **Bioaccumulative potential** *It does not present bioaccumulative potential in aquatic organisms*
- **Mobility in soil** *There is no mobility due to its physical form.*
- **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:**
- **Product:**
Packaging (plastic and/or cardboard), if not contaminated, should be discarded in accordance to present law. Treatment and disposal must be specifically evaluated for each product. Federal, state, and city laws must be consulted.

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

· Product remains:

Keep the product remains in its original packaging. Disposal should be carried out as established for the product.

· Uncleaned packagings:

· Recommendation: *Disposal must be made according to official regulations.*

14 Transport information

· UN-Number	Not applicable
· UN proper shipping name	Not applicable
· Transport hazard class(es)	Not applicable
· Packing group	Not applicable
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Remarks:	No dangerous good for transport.
· IMDG	Waterway: IMO - "International Maritime Organization" International Maritime Dangerous Goods Code (IMDG Code)
· Remarks:	Not dangerous good for transport
· IATA	Aerial: IATA - "International Air Transport Association" Dangerous Goods Regulation (DGR)
· Remarks:	Not dangerous good for transport
· UN "Model Regulation":	Not applicable.

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture	
· Sara	
· Section 355 (extremely hazardous substances):	None of the ingredients is listed.
· Section 313 (Specific toxic chemical listings):	None of the ingredients is listed.
· TSCA (Toxic Substances Control Act):	All ingredients are listed.
· Proposition 65	
· Chemicals known to cause cancer:	None of the ingredients is listed.

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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.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **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** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

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

16 Other information

This form provides information on protection, health, safety and the environment. Note that the handling of any chemical substance requires prior knowledge of its dangers to users.

The company using the product is responsible for providing training for its employees and hired parties with regards to the possible adverse risks of the product.

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.

· **Training hints**

The user of this product should be qualified for handling, operation and application of the product.

· **Date of preparation / last revision** 07/13/2016 / 999

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

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

Amendments regarding the update of the Purple Book.