

## Safety Data Sheet acc. to OSHA HCS

Printing Date 03/26/2015

Revision Number 4

Revision Date 03/26/2015

### 1 Identification

- **Product identifier**
- **Trade name:** *Seal-Fast Double-Stick Tape*
- **Relevant identified uses of the substance or mixture.** *Sealant*
- **Application of the substance / the mixture** *Sealants, Tapes and Adhesives*
- **Details of the supplier of the safety data sheet**
- **Manufacturer**  
*Royal Adhesives & Sealants, LLC  
 17340 Munn Road  
 Chagrin Falls, OH 44023  
 Information Phone Number: 517-764-0334*
- **Supplier:**  
*Mule-Hide Products Co., Inc.  
 1195 Prince Hall Dr.  
 Beloit, WI 53511  
 Information Phone Number: 800-786-1492*
- **Information department:** *Environment protection department.*
- **Emergency telephone number:**  
*ChemTrec: Day or Night within USA and Canada: 1-800-424-9300.  
 Outside USA and Canada: +1 703-527-3887 (collect calls accepted)*

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
*The product does not meet the criteria for classification as hazardous under the GHS and 29 CFR 1910.1200*
- **Storage:** *No special requirements. Keep away from extreme heat, sparks or open flames. Store locked up.*

- **Label elements**
- **GHS label elements** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



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

HEALTH	1	Health = 1
FIRE	1	Fire = 1
PHYSICAL HAZARD	0	Physical Hazard = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

### 3 Composition/information on ingredients

- **Chemical characterization:** *Substances*
- **Identification number(s)** *N/A*

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- **Chemical characterization: Mixtures**

- **Description: Mixture in tape form.**

- **Dangerous components: and Non-Dangerous Components:**

- **Additional information:**

*It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentrations listed in the composition section are percent by weight unless a gas. Gas concentrations are expressed in percent by volume.*

### 4 First-aid measures

- **Description of first aid measures**

- **After inhalation: Overexposure, remove to fresh air and seek medical attention.**

- **After skin contact: Immediately wash with water and soap and rinse thoroughly.**

- **After eye contact: Rinse opened eye for several minutes under running water.**

- **After swallowing: Seek immediate medical advice.**

- **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 spray. Fight larger fires with water spray.**

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

- **Protective equipment: Protective clothing and respiratory protective device.**

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.

- **Environmental precautions: No special measures required.**

- **Methods and material for containment and cleaning up:**

*Dispose of contaminated material as waste in accordance with federal state and local regulations.*

- **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** Store in cool, dry place in tightly closed receptacles.

- **Information about protection against explosions and fires: No special measures required.**

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles: No special requirements.**

- **Information about storage in one common storage facility: Not required.**

- **Further information about storage conditions: None.**

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· **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data.

· **Control parameters**

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

**14807-96-6 Talc (3MgO•4SiO<sub>2</sub>•H<sub>2</sub>O)**

PEL Long-term value: 20 mppcf ppm  
(containing <1% Quartz)

REL Long-term value: 2\* mg/m<sup>3</sup>  
\*respirable dust

TLV Long-term value: 2\* mg/m<sup>3</sup>  
\*as respirable fraction; E

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment (see listings below)**

· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

· **Breathing equipment:** Not required.

· **Protection of hands:** Leather gloves or heat resistant gloves if applicable.

· **Material of gloves**

Protective gloves are not required in most applications. However, protect your hands from extreme temperatures.

· **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 with side shields.

· **Body protection:** Protective work clothing

### 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Solid

Color: Gray

· **Odor:** Mild

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

Melting point: Undetermined.

· **Boiling point:** 192 °C (378 °F)

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

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Auto igniting:** Product is not selfigniting.

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· **Danger of explosion:** *Product does not present an explosion hazard.*

· **Flammable limits:**

**Lower:** *Not Determined*

**Upper:** *Not Determined*

· **Vapor pressure:** *Not applicable.*

· **Specific gravity at 20 °C (68 °F):** *1.09 g/cm<sup>3</sup> (9.096 lbs/gal)*

· **Relative density** *Not determined.*

· **Vapour density** *Not applicable.*

· **Evaporation rate** *Not applicable.*

· **Solubility in / Miscibility with**

**Water:** *Insoluble*

· **Partition coefficient (n-octanol/water):** *Not determined.*

· **Viscosity:**

**Dynamic:** *Not applicable.*

**Kinematic:** *Not applicable.*

· **Solvent content:**

**Organic solvents:** *0.0 %*

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

### 10 Stability and reactivity

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*

· **Possibility of hazardous reactions** *No further information is available.*

· **Conditions to avoid** *No further relevant information available.*

· **Incompatible materials:** *Reacts with oxidizing agents.*

· **Hazardous decomposition products:** *No dangerous decomposition products known.*

### 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** *Generally this product does not irritate the skin.*

· **on the eye:** *Generally this product does not irritate the eye.*

· **Sensitization:** *No sensitizing effects known.*

· **Additional toxicological information:**

*The product is not subject to classification according to internally approved calculation methods for preparations:*

*When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.*

· **Carcinogenic categories**

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

*None of the ingredients is listed.*

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· **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.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **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**
- **Recommendation:**  
Smaller quantities can be disposed of with household waste.  
Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |                 |
|--|-----------------|
| · <b>UN-Number</b>   |                 |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   | not regulated   |
| · <b>UN proper shipping name</b>   |                 |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   | not regulated   |
| · <b>Transport hazard class(es)</b>  |                 |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>   | not regulated   |
| · <b>Packing group</b>   |                 |
| · <b>DOT, ADR, IMDG, IATA</b>  | not regulated   |
| · <b>Environmental hazards:</b>  | Not applicable. |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |

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· UN "Model Regulation": -

### 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 components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **(DSL) Canada Domestic Substance List**

All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

14807-96-6 Talc (3MgO•4SiO<sub>2</sub>•H<sub>2</sub>O)

A4

· **MAK (German Maximum Workplace Concentration)**

14807-96-6 Talc (3MgO•4SiO<sub>2</sub>•H<sub>2</sub>O)

3B

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

None of the ingredients is listed.

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

### 16 Other information

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Royal Adhesives & Sealants makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Royal Adhesives & Sealants or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

- **Department issuing SDS:** Environment protection department.
- **Creation Date:** 07/24/2014
- **Date of preparation / last revision** 03/26/2015 / 3
- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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*ICAO: International Civil Aviation Organisation**ADR: Accord européen sur le transport des marchandises dangereuses par Route (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**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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