

REEF INDUSTRIES INC  
SAFETY DATA SHEET  
GRIFFOLYN® ULTRA VR TAPE

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

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**Product Name:** Griffolyn® ULTRA VR Tape  
**Product Description:** Rubber Based Pressure Sensitive Adhesive  
**Manufacturer/Supplier:** Reef Industries Inc. 9209 Almeda Genoa Road Houston, TX 77075  
**Phone Number:** (800) 231-6074 (Monday – Friday 8:00 am to 5:00 pm)  
**24 Hr Number:** 713 507-4349  
**Revision Date:** 17 October 2014  
**MSDS Date:** 28 March 2013

Safety Data Sheet according to OSHA's Hazcom Standard (29 CFR 1910.1200)

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## 2. HAZARDS IDENTIFICATION

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### EU Main Hazards

Not classified as hazardous.

### Routes of Entry

-Inhalation -Skin contact

### Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

### Target Organs

-Skin

### Health Effects -Eyes

Contact may cause irritation due to mechanical abrasion.

### Health Effects -Skin

Prolonged, repeated contact with adhesive may cause irritation and allergic sensitization.

### Health Effects -Ingestion

Not an expected route of entry during normal handling and use.

### Health Effects -Inhalation

Not expected to cause irritation during normal handling and use.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Polymers, rubbers and resins	N.A.	<20%	None	None
Hydrocarbon resin	N.A.	<8%	None	None
Ester of hydrogenated rosin	N.A.	<10%	None	None
Amorphous Silica 7631-86-9	231-545-4	<3%	None	None

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## 4. FIRST AID MEASURES

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### Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

### Skin

Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

### Ingestion

Obtain medical attention immediately.

### Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

### Advice to Physicians

Treat symptomatically.

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**5. FIRE -FIGHTING MEASURES**

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**Extinguishing Media**

Water spray, carbon dioxide and dry chemical.

**Unusual Fire and Explosion Hazard**

Can release hazardous vapors during a fire.

**Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES**

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No specific measures necessary. Prevent the material from entering drains or watercourses.

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**7. HANDLING AND STORAGE**

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Keep away from heat and sources of ignition. Exposure to high heat or flame can release irritating and toxic fumes. Storage area should be: -cool -dry -well ventilated -away from incompatible materials

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

**Polymers, rubbers and resins**

None established

**Hydrocarbon Resin**

None established

**Amorphous Silica**

None established

**Ester of Hydrogenated Rosin**

None established

**Engineering Control Measures**

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

**Respiratory Protection**

Respiratory protection not normally required.

**Hand Protection**

Not required under normal conditions of use. However, care should be taken to avoid contact with the adhesive.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Eye Protection**

Safety glasses

**Body Protection**

Normal work wear.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical State:** Polyethylene backing with synthetic rubber adhesive

**Color:** white with beige adhesive

**Odor:** Slight

**pH:** Not applicable

**Specific Gravity:** No data available

**Boiling Range/Point (°C/F):** Not applicable

**Melting Point (°C/F):** Not applicable

**Flash Point (PMCC) (°C/F):** Not known

**Explosion Limits:** (%) No data available

**Vapor Pressure:** Not applicable

**Density:** No data.

**Solubility in Water:** Not known

**Vapor Density (Air = 1)** Not applicable

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**10. STABILITY AND REACTIVITY**

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**Stability**

Stable under normal conditions.

**Conditions to Avoid**

-Heat -High temperatures

**Materials to Avoid**

Strong oxidizers

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

- oxides of carbon - hydrocarbons - aldehydes - acrolein - waxes -  
oligomers - oxygenated hydrocarbons - carboxylic acids - smoke -  
formaldehyde - acrid fumes.

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**11. TOXICOLOGICAL INFORMATION**

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**Acute Toxicity**

Low order of acute toxicity.

**Chronic Toxicity/Carcinogenicity**

This product is not expected to cause long term adverse health effects.

**Genotoxicity**

This product is not expected to cause any mutagenic effects.

**Reproductive/Developmental Toxicity**

This product is not expected to cause adverse reproductive effects.

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**12. ECOLOGICAL INFORMATION**

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**Mobility**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

**Bio-accumulation**

No relevant studies identified

**Ecotoxicity**

The product may be harmful to aquatic organisms.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with all applicable local and national regulations.

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**14. TRANSPORT INFORMATION**

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DOT CFR 172.101 Data  
Transportation (IATA)  
Not Regulated

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**15. REGULATORY INFORMATION**

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**US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS**

**TSCA Listing**

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

**MA Right To Know Law**

This product contains the following chemicals on the Massachusetts Right to Know Law: None

**PA Right To Know Law**

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Amorphous Silica (7631-86-9) <3%

**NJ Right To Know Law**

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: Amorphous Silica (7631-86-9) <3%

**California Proposition 65**

This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: Ethylbenzene (10-41-4) trace

**SARA Title III Sect. 311/312 Categorization**

Immediate (acute) Delayed(chronic)

**SARA Title III Sect. 313**

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None

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**16. OTHER INFORMATION**

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**NFPA Ratings**

NFPA Code for Flammability -0  
NFPA Code for Health -1  
NFPA Code for Reactivity -0  
NFPA Code for Special Hazards - 0

**HMIS Ratings**

HMIS Code for Flammability -0  
HMIS Code for Health -1  
HMIS Code for Reactivity -0  
HMIS Code for Personal Protection -See Section 8

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**Abbreviations**

N/A: Denotes no applicable information found or available  
CAS#: Chemical Abstracts Service Number  
ACGIH: American Conference of Governmental Industrial Hygienists  
OSHA: Occupational Safety and Health Administration  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
STEL: Short Term Exposure Limit  
NTP: National Toxicology Program  
IARC: International Agency for Research on Cancer

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