

REEF INDUSTRIES INC
SAFETY DATA SHEET
GRIFFOLYN® ULTRA VR TAPE

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

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)

2. HAZARDS IDENTIFICATION

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

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

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.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Safety glasses

Body Protection

Normal work wear.

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9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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.

11. TOXICOLOGICAL INFORMATION

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.

12. ECOLOGICAL INFORMATION

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.

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

DOT CFR 172.101 Data
Transportation (IATA)
Not Regulated

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

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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