

SAFETY DATA SHEET

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Section 1 – Chemical Product and Company Identification:

RIDE SEAL TRUCK & BUS SEALANT RS11TGA

1.1 **Product Identification:** Ride Seal Truck & Bus Tires Sealant

1.2 **Product Brand & Number:** Ride Seal RS11TGA

1.3 **Recommended use of the product and restrictions on use:**

A solution of chemicals for use in truck & bus tires for puncture and corrosion protection.

1.4 **Company's Name:** PACIFIC DYNAMIC TECH.

Address: 23331 El Toro Rd,
Lake Forest, Ca 92630

1.5 **Information Phone #s:** 1-949-791-7772 Emergency Phone #: 1-949-791-7772

Section 2 – Hazards Identification:

2.1 **Classification of product:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

ACUTE TOXICITY – Category 4
SERIOUS EYE DAMAGE/EYE IRRITATION-Category 2A
AQUATIC HAZARD (ACUTE) –Category 3
AQUATIC HAZARD (LONG TERM)-Category 3

2.2 **Label elements:**

2.3 **GHS Label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS)

2.4 **Hazard Pictograms**



2.5 **Signal word:** Warning

2.6 **Hazard-determining components of labeling:** Ethylene Glycol

2.7 Hazard statements:

H302: Harmful if swallowed

2.8 Precautionary statements:

Prevention

- P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

Disposal

P501 - Dispose of contents/container in accordance with local, state and federal regulations.

2.9 Trade Name: RIDE SEAL TRUCK & BUS TIRE SEALANT (RS11M16) - Protects down to -25° F

3.0 Classification system:

NFPA ratings (scale 0-4) - Health = 1, Fire = 1, Reactivity = 0

HMIS ratings (scale 0-4) - Health = 1, Fire = 1, Reactivity = 0



Section 3 – Composition / Information on Ingredients:

3.1 Chemical characterization: Mixtures

3.2 Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:	CAS #	% by Wt
Ethylene Glycol	107-21-1	25 – 45
STOT RE 2, H373; H373; H302, Acute Tox. 4		



Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals.

No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product beyond those listed above.

Section 4 – First Aid Measures:

4.1 Description of first aid measures:

After Inhalation: Supply fresh air, consult doctor in case of complaints

After Eye Contact: In case of contact, remove any contact lenses, immediately flush eyes with water for at least 15 minutes and get medical attention.

Skin Contact: Generally the product does not irritate the skin.

After Ingestion: If symptoms appear and persist seek medical advice.

Important symptoms and effects, both acute and delayed: No further information is available.

15.6 GHS Label elements:

The product is classified and labeled according to the Globally Harmonized System (GHS)

15.7 Hazard pictograms:



15.8 Signal word: Warning

15.9 Hazard-determining components of labeling: Ethylene Glycol

15.91 Hazard statements: H302: Harmful if swallowed.

15.92 Precautionary statements:

Prevention

- P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

Disposal

P501 - Dispose of contents/container in accordance with local, state and federal regulations.

15.93 National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances

15.94 States right to know:

107-21-1 Ethylene Glycol

STOT RE, H373; Acute Tox 4, H302

25-45 %



1332-58-7 Kaolin

STOT SE 3, H335

=< 2.5%



7632-00-0 Sodium Nitrite

=< 0.5%

Ox Sol, 3, H272, Acute Tox 3, H301, Aquatic Acute 1, H400



532-32-1 Sodium Benzoate

3-6 %



Acute. Tox 5, H303; Eye Irritation 2, H319

Chemical safety assessment: Has not been carried out

Section 16 – Other Information:

Created: 08/25/2024

Supersedes: 06/08/2024

Additional Comments: None

Abbreviations and acronyms:

ADR - Accord européen sur transport des marchandises dangereuses par Route (European Agreement concerning the international Carriage of Dangerous Goods by Road)

ADN - The European Agreement concerning the international Carriage of Dangerous Goods by inland Waterways

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

Section 9 – Physical and Chemical Properties:

9.1 Properties:

Appearance:	Blue, green or orange water/glycol viscous liquid solution
Odor:	Characteristic
Odor threshold:	Not determined
Flammability	Not flammable
Solubility in water:	Fully miscible
Boiling Point:	< 350° F
Flash Point:	N/A
Ignition temperature:	371° C (700F)
Auto ignition:	Product is not self igniting
Danger of explosion:	Product is not explosive
Explosion limits:	
Lower:	0.0 Vol %
Upper:	12.6 Vol %
Decomposition temperature:	Not determined
Specific Gravity:	(H2O = 1): 1.145
pH:	10 ± .5
Vapor Pressure @ 20 C (68 F)	23 hPa (17 mm Hg)
Density:	
Relative density	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Partition coefficient (n-octanol/water):	Not determined
Boiling point:	Not determined
Melting point:	Not applicable
Freeze Point:	< - 32° C, <-25° F
Viscosity:	Range = 11,000 cps - 1,300 cps with an increasing rpm
Solvent content:	
Organic solvents:	12.0 %
Water:	74.2%
VOC content:	12.0 %
Solids content:	3.0 %

Section 10 – Stability and Reactivity:

10.1 Information on stability and reactivity:

Reactivity: No further information available

Chemical stability: Stable under normal conditions

Thermal decomposition / Conditions to avoid: No decomposition if used to
according to specifications

Incompatibility: Oxidizing agents

Hazardous Decomposition or Byproducts: None known

Hazardous Polymerization: Will not occur

Section 5- Fire-Fighting Measures:

5.1 Extinguishing media:

Suitable extinguishing agents: CO₂, Extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Protective equipment: Wear self contained breathing apparatus pressure demand (NIOSH) approved or equivalent and full protective gear to prevent contact with skin or eyes.

5.3 Unusual fire or explosion hazards: None

5.4 Hazardous combustion products: Carbon Oxides, CO and CO₂, and possible unknown gases.

Section 6 – Accidental Release Measures:

6.1 Personal precautions, protective equipment and emergency procedures: Not required

6.2 Containment and environmental precautions:

Utilize standard liquid absorption material and dike where necessary, dilute with plenty of water. Do not allow to enter sewers/surface or ground water. Ensure adequate ventilation. Dispose of collected material in accordance with regulations.

6.3 Reference to other sections:

See section 7 for information on safe handling

See section 8 for information on personal protective gear

See section 13 for disposal information

Section 7 – Handling and Storage:

7.1 Handling/Storage precautions: Ensure good ventilation and exhaust. Prevent the formation of aerosols. Store in tightly closed containers. Guard against puncture.

7.2 Information about protection against explosion and fires: No special measures needed

7.3 Specific end uses: No further information available

Section 8 – Exposure Controls/Personal Protection:

8.1 Additional information about design of technical systems: No further data: see section 7

8.2 Components with occupational exposure limits:

107-21-1 Ethylene Glycol - TLV Long term value: NIC-10* mg/m³, (H);* as inhalable fraction and vapor
Additional information: The lists that were valid during the creation were used as basis.

8.3 Exposure controls:

General protective and hygienic measures:

Keep away from foodstuffs, beverages, and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before and after breaks and the end of work.

Avoid contact with eyes and skin

Breathing equipment: Not required

Protection of hands: Utilize gloves that are chemically resistant and durable enough to withstand the rigors of manual labor. Actual "hands on" experience is needed to determine the efficacy of work gloves.

Eye protection: Tightly sealed goggles

Section 11 – Toxicological Information:

11.1 Information on toxicology:

Acute toxicity: LD/LC 50 values that are relevant for classification:

7632-00-0 sodium nitrite - Oral LD50 - 85 mg/kg (rat)

Primary irritant effect. on skin - none, on eyes - irritating, causes serious irritation

11.2 Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

11.3 Carcinogenic categories:

IARC (International Agency for Research on Cancer)

None of the ingredients are listed

NTP (National Toxicological Program)

None of the ingredients are listed

OSHA-CA (Occupational Safety & Health Administration)

None of the ingredients are listed

Section – 12 Ecological Information:

12.1 Toxicity:

Aquatic toxicity: No further relevant information available

12.2 Persistence and degradability: No further relevant information available

12.3 Mobility in soil: No further relevant information available

12.4 Additional ecological information:

General notes: Water hazard class 1 (self assessment): slightly hazardous for water

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects: No further relevant information available

Section 13 – Disposal Considerations:

13.1 Waste treatment methods:

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

13.2 Uncleaned packages:

Recommendations: Disposal must be made according to official regulations

13.3 Recommended cleansing agent: Water, if necessary with cleaning agents

Section 14 – Transport Information:

14.1 UN - Number

DOT, ADR, IMDG, IATA - Non-Regulated Material

14.2 UN proper shipping name:

DOT, ADR, IMDG, IATA - Non-Regulated Material

14.3 Transport hazard class (es)

DOT, ADR, IMDG, IATA class - Non-Regulated Material

14.4 Packing group:

DOT, ADR, IMDG, IATA - Non-Regulated Material

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user: Not applicable

14.7 Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC Code: Not applicable

14.8 UN "Model Regulation": -

Section 15 – Regulatory Information:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

SARA: Section 335 (extremely hazardous substances):

None of the ingredients are listed

Section 313 (Specific toxic chemical listings)

107--21-1 ethylene glycol

7632-00-0 sodium nitrite

15.2 TSCA (Toxic Substances Control Act): All ingredients are listed

15.3 Proposition 65:

Chemicals known to cause cancer:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed

Chemicals known to cause developmental toxicity:

None of the ingredients are listed

15.4 Carcinogenic categories:

EPA (Environmental Protection Agency) - None of the ingredients are listed

TLV (Threshold Limit Value established by ACGIH)

107-21-1 Ethylene Glycol

A4

1332-58-7 Kaolin

2 mg/m³

15.5 NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients are listed

ELINCS - European List of Notified Chemical Substances
CAS - Chemical Abstract Service (division of the American Chemical Society)
NFPA - National Fire Protection Association (USA)
HMIS - Hazard Materials Identification System (USA)
VOC - Volatile Organic Compounds (USA, EU)
LC50 - Lethal concentration, 50%
LD50 - Lethal dose, 50%
Ox, Sol 3 - Oxidizing Solids, Hazard Category 3
Acute Tox 3- Acute toxicity, Hazard Category 3
Acute Tox 4 - Acute toxicity, Hazard Category 4
Acute Tox 5 - Acute toxicity, Hazard Category 5
Eye Irritation 2 – Eye Irritation, Hazard Category 2
Eye Irrit 2B - Serious eye damage/eye irritation, Hazard Category 2B
STOT RE 2 - Specific target organ toxicity - Repeated exposure, Hazard Category 2
Aquatic Acute 1 - Hazardous to the aquatic environment - Acute Hazard, Category 1

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