MATERIAL SAFETY DATA SHEET

VE142152 TIRE SEALANT - PREVENTIF Anti-Crevaison

1. Chemical Product and Company Identification

Nom du produit : VE142152 TIRE SEALANT - PREVENTIF Anti-Crevaison
Code du produit : VE142152
UFI : 0RW0-10X5-R00Q-SMC9

1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

Préventif - Anti-crevaison

1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

Raison Sociale : GS27.
Adresse : 540 rue Gilles de Gennes - Node Park Touraine.37310.TAUXIGNY.FRANCE.
Téléphone : 02 47 73 77 77. Fax : 02 47 37 38 66.
www.gs27.com / accueil@gs27.com

1.4. Numéro d'appel d'urgence : +33 (0)1 45 42 59 59.

Société/Organisme : INRS / ORFILA http://www.centres-antipoison.net.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

Specific target organ toxicity - repeated exposure, Oral (Category 2), Kidney, H373

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS label elements, including precautionary statements

Labelling according Regulation (EC) No 1272/2008

Pictogram(s):



Signal word: Warning

Hazard statement(s) :

H302 Harmful if swallowed.

H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Precautionary statement(s) :

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P314 Get medical advice/ attention if you feel unwell.
Supplemental Hazard Statements: none

2.3 Other hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPONENTS INFORMATION

Chemical name	Proportion (%)	CAS No.	EINECS No.
Water	60	7732-18-5	231-791-2
Glycol	15	107-21-1	203-473-3
Natural rubber latex	10	9003-31-0	618-362-9
Rubber Granule	8	/	/
Artificial fiber	7	/	/

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures
General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Flush eyes with water as a precaution.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available

5. FIRST FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place. Hygroscopic.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1Control parameters

Occupational Exposure limit values

no data available

8.2Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance: Form: liquid

Colour: Grey

b) Odour: Weak toast

c) Odour Threshold: No data available

d) pH: 8～12 to 25℃

e) Melting point/freezing point: Not applicable

f) Initial boiling point and boiling range: Not applicable

g) Flash point: >95 °C

h) Evaporation rate: No data available

i) Flammability (solid, gas) :No data available

j) Upper/lower flammability or explosive limits: No data available

k) Vapour pressure: No data available

l) Vapour density: No data available

m) Relative density: No data available

n) Water solubility: completely miscible

o) Partition coefficient:

n-octanol/water: No data available

p) Auto-ignition temperature:No data available

q) Decomposition temperature: No data available

r) Viscosity: No data available

s) Explosive properties: No data available

t) Oxidizing properties: No data available

9.2 Other safety information No data available

10. STABILITY AND REACTIVITY DATA

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

(Regulation (EC) No 1272/2008, Annex VI)

LC50 Inhalation - Rat - male and female - 6 h - > 2,5 mg/l

Remarks: (ECHA)

LD50 Dermal - Mouse - male and female - > 3.500 mg/kg

Remarks: (ECHA)

Skin corrosion/irritation

Skin - Rabbit

Result: No skin irritation - 20 h

Remarks: (ECHA)

Serious eye damage/eye irritation

Eyes - Rabbit

Result: No eye irritation - 24 h

Remarks: (ECHA)

Respiratory or skin sensitisation

Maximisation Test - Guinea pig

Result: negative

(OECD Test Guideline 406)

Germ cell mutagenicity

Ames test

Escherichia coli/Salmonella typhimurium

Result: negative

Rat - male and female

Result: negative

Carcinogenicity

This product is or contains a component that is probably not carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Laboratory experiments have shown teratogenic effects.

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

Oral - May cause damage to organs through prolonged or repeated exposure. - Kidney

Aspiration hazard

No data available

Additional Information

RTECS: KW2975000

When ingested early symptoms mimic alcohol inebriation and are followed by nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemic tetany, and severe metabolic acidosis. Without treatment, death may occur in 8 to 24 hours. Victims who survive the initial toxicity period usually develop renal failure along with brain and liver damage., Exposure to and/or consumption of alcohol may increase toxic effects.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

After absorption:

agitation, CNS disorders

Systemic effects:

After a latency period:

Tiredness, ataxia (impaired locomotor coordination), Unconsciousness

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

Central nervous system - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish: static test LC50 - Pimephales promelas (fathead minnow) - > 72.860 mg/l - 96 h (US-EPA)

Toxicity to daphnia and other aquatic invertebrates：static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae: IC5 - Scenedesmus quadricauda (Green algae) - > 10.000 mg/l - 7

D Remarks: (Lit.)

Toxicity to bacteria: static test EC20 - activated sludge - > 1.995 mg/l - 30 min (ISO 8192)

12.2 Persistence and degradability

Biodegradability:

aerobic - Exposure time 10 d

Result: 90 - 100 % - Readily biodegradable.

(OECD Test Guideline 301A)

Biochemical Oxygen Demand (BOD): 780 mg/g Remarks: (IUCLID)

Chemical Oxygen Demand (COD): 1.190 mg/g Remarks: (IUCLID)

Theoretical oxygen demand: 1.290 mg/g Remarks: (IUCLID)

Ratio BOD/ThBOD: 60 % Remarks: (IUCLID)

12.3 Bioaccumulative potential

Does not bioaccumulate.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological Information: No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

UN Number

ADR/RID:No	IMDG: No	IATA: No

UN proper shipping name

ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods

Transport hazard Class(es)

ADR/RID:No	IMDG: No	IATA: No

Packaging group

ADR/RID:No	IMDG: No	IATA: No

Environmental hazards

IMDG Marine pollutant: No

Packing method: packing according to the method recommended by the manufacturer.

Cautions during transportation:

The transport vehicles shall be equipped with corresponding varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

It is forbidden to mix with oxidizing agents, food chemicals, etc.

The vehicle exhaust pipe must be equipped with a fire retardant device.

It is forbidden to use mechanical equipment and tools that produce spark.

In transit should be protected from sun, rain, high temperature.

Stay away from fire, heat source and high temperature area

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15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the European Inventory of Existing Commercial Chemical Substances (EINECS): Listed.

EC Inventory: Listed.

United States Toxic Substances Control Act (TSCA) Inventory: Listed.

China Catalog of Hazardous chemicals 2015: Not Listed.

New Zealand Inventory of Chemicals (NZIoC): Listed.

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed.

Vietnam National Chemical Inventory: Listed.

China Chemical Inventory of Existing Chemical Substances (China IECSC): Listed.

Korea Existing Chemicals List (KECL): Listed.

16. OTHER INFORMATION

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Technology, it is the user's obligation to determine the conditions of safe use of the product.