



EQUIPPING THE TYRE INDUSTRY

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Automotive Equipment,
Tools and Consumables

SAFETY DATA SHEET IN ACCORDANCE WITH 91/155/EEC NON HAZARDOUS PRODUCT

202540 PUNCTURE FREE "OFF ROAD" TYRE SEALANT, OKO Z7, Z8 & Z10 TYRE SEALANT.

DATE OF REVISION: 21.06.07

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

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2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Specific use recommendation

Finished blended composition for use specifically in vehicles tyres as a puncture preventive only. No other uses recommended.

2.2 Chemical Characteristics – information on main ingredients

Aqueous Glycol, latex and Gum suspension.

<u>Contains Ingredients</u>	<u>CAS No.</u>
Mono Ethylene Glycol (MEG)	107-21-1
Latex	9006-04-06
Gum	11138-66-2

2.3 Hazardous Ingredients

Môn ethylene Glycol (MEG)	107-21-1
Fatty alcohol ethoxylate	69011-36-5
Bronopol Biocide	52-51-7
Diatomaceous Earth/Cristobalite	
Quartz	61790-53-2/14808-60-7

3. HAZARDS IDENTIFICATION

Could be irritating to eyes and skin – if in prolonged contact. Harmful, if swallowed.

4. FIRST AID MEASURES

4.1 General Information

Could be irritating to eyes and skin but only if in extreme circumstances, harmful, if swallowed;

4.2 first Aid Measures

a. Skin contact: wash off with soap and water;

b. Eye contact: wash eyes with copious amounts of clean water; if irritation persists,

Seek medical advice;

c. Ingestion: drink large amounts of water or milk; do not induce vomiting;
seek medical attention immediately;

D. inhalation: not applicable; non fuming viscous liquid;

5. FIRE-FIGHTING MEASURES

The product is INERT.

Suitable extinguishing media:-

Water/foam/dry power or carbon dioxide.

Extinguishing media that must not be used for safety reasons:-

NONE.

6. ACCIDENTAL RELEASE MEASURES

6.1 personal precautions

None specific.

Common sense precautions should avail.

Avoid being soaked in product.

6.2 Environmental precautions

Do not discharge into surface water or ground water; do not discharge into soil or sub-soil;

6.3 Methods for cleaning up

Absorb with suitable material;

I.e. sawdust, sand etc.

For disposal – refer section 13

7. HANDLING AND STORAGE

7.1 Handling

Recommend when fitting the product to large industrial vehicle tyres, (e.g. Tractors, Earthmovers) –

Wear Protective goggles and gloves.

Advice on protection against fire and explosion: no special measures necessary;

7.2 Storage

Keep in clearly labelled containers with sealed cap affixed.

Do not store with food;

Keep away from Oxidising Agents, Bleaches etc.

8. EXPOSURE CONTROLS / PERSONAL

8.1 Ingredients to be monitored:

(As Môn ethylene Glycol; MEG) – Finished product inclusion levels contain less than 15% weight by volume MEG.

MEG. CAS No: 107-21-1

8.2 Exposure Limits

- 10mg/ cu.m. (particulate)
- 60mg/ cu.m. (vapour)
- 125mg/cu.m. (vapour)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical appearance: white or blue; viscous liquid;

9.2 Odour: odourless;

9.3 Density: 1.05

9.4 Viscosity: 7500-9000 cps (depending upon grade)

9.5 PH: 7.0-8.0

9.6 Flashpoint: N/A - >300 /degrees c.

9.7 Vapour Pressure at 50oC : <0.1 mm

9.8 Solubility: Non soluble in water (breaks up in water but not fully)

10. STABILITY AND REACTIVITY

10.1 Stability: stable

10.2 Conditions to avoid: Avoid contact with oxidising agents;

11. TOXICOLOGICAL INFORMATION

11.1 Toxicological Data : Non Specific

11.2 Effects of acute exposure:

- a. Eyes – Moderate irritation
- b. Skin – Moderate irritation if in prolonged contact
- c. Inhalation – low risk at elevated temperatures. Vapour may cause slight irritation to respiratory tract.
- d. Ingestion – may cause nausea, vomiting.

12. ECOLOGICAL INFORMATION

12.1 persistence and degradability.

Biological elimination is good.

Apparently does not give rise to any disturbance in sewerage or waste water and purification plants, if handled correctly.

13. ADVICE ON DISPOSAL

13.1 disposal / product

Dispose of in accordance with local regulations for special waste.

Remove to designated disposal site or incineration plant.

13.2 disposal code no. /name of waste.

National or Regional – legislation – NONE.

14. TRANSPORT INFORMATION

14.1 Un Number	-	None
14.2 Uk Road	-	Not Dangerous
14.3 RID-ADR	-	Not Dangerous
14.4 IMO	-	Not Dangerous
14.5 ICAC	-	Not Dangerous
14.6 Special Precautions	-	None

15. REGULATORY INFORMATION

15.1 Labelling

None

15.2R. Phrases

None

15.3S. Phrases

None

16. OTHER INFORMATION

Tyre sealant – puncture preventive.

This information is given in good faith and is given according to the present level of knowledge and information believed to be reliable. The above describes the product regarding the actual safety requirements and therefore, does not guarantee special characteristics other than that of Puncture Protection. The suitability of this product for any particular purpose is not suggested nor implied.