Tyre Protector

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Tyre Protector Tyre Sealant
Product Description	An advanced formulation of substances suspended in a thixotropic solution, designed to protect and extend the life of tyres and prevent punctures.
Manufacturer / Supplier	Tyre Protector International Limited Unit 66 Mochdre Industrial Estate, Newtown, Powys, SY16 4LE, UK
Telephone No.	00 44 (0) 1686 629363
Facsimile No.	00 44 (0) 1686 650863
E-Mail	info@tyreprotector.com

2. COMPOSITION / INFORMATION ON PRODUCT COMPONENTS

Hazardous Components for EC				
COMPONENT NAME	CAS no	CONCENTRATION	R PHASES	CLASSIFICATION
1. Propane- 1,2-diol with corrosion, scale and Biological inhibitors	57-55-6	25-50		No Class

3. HAZARD IDENTIFICATION

Main Hazards	Not classified as a hazard or environmental hazard under current legislation.

4. FIRST AID MEASURES

Health effects – Eyes	Wash eyes promptly and rinse for 15 minutes. Get medical attention.
Health effects - Skin	May cause irritation to the skin with prolonged contact. Remove affected person from source of contamination. Wash skin with soap or mild detergent.
Health effects - Ingestion	May cause renal damage. Get medical attention. Rinse mouth thoroughly. DO NOT induce vomiting.
First Aid - Inhalation	Remove person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get medical attention.

5. FIRE FIGHTING MEASURES - Non Flammable under normal conditions, but will burn.

Extinguishing Media	Alcohol resistant foam. Carbon dioxide (CO2). Dry chemicals, sand and dolomite etc
Special Hazards of Product	Acrid smoke / fumes. Carbonyl compounds. Acetic acid.
Protective equipment for fire fighting.	Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal & Environmental precautions.	No special precautions necessary. Prevent the material from entering drains or water courses without pre-treatment.
Spillage's	Clean with absorbent material and dispose.

7. HANDLING AND STORAGE

Handling	No special measures necessary. Protect against fire and explosion. Take precautionary measures against static discharge.
Storage	Containers should be tightly sealed and dry. Can be made from stainless steal. Do not use zinc.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

See section 7	LT Exp (8 hrs) : 60mg/m3. ST Exp (15 mins) 125mg/m3
Engineering Control Measures	Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.
Respiratory Protection	Respiratory protection if there's risk of exposure to high vapour concentrations.

Hand Protection	PVC gloves
Eye Protection	Chemical goggles or face shield must be worn.
Body protection	Wear overall or apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	According to specification
Odour	Almost odourless
pH at 500g/l, 20'C	Range between 6.5 – 8.5
Density (g/cm3)	1.06 at 20Deg.C.

10. STABILITY AND REACTIVITY

Stability	No particular stability concerns.
Conditions to Avoid	Heat, flames sparks.
Materials to avoid	Powerful oxidising agents.
Hazardous Decomposition Products	None provided product is correctly processed.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	LD 50/oral/rat:2000 mg/kg.
Route of entry	Ingestion. Skin and or eye contact.
Target organs	Central nervous system. Heart or cardiovascular system. Kidneys, liver respiratory system, lungs, brain.
Medical symptoms	Nausea, vomiting. Central nervous system depression. Drowsiness dizziness, disorientation, vertigo.

12. ECOLOGICAL INFORMATION

Mobility	The product will dissolve rapidly in water.
Ecotoxicity	The product is rated as : Algae EC%) (72h):>100mg/1. Fish : LC50 (96h):.100mg/1,Oncorhynchus mykiss
LC50, 96 hrs Fish mg/l	51000
Bio accumulation	None

13. DISPOSAL

Product Disposal	Dump according to local regulations use EWC-no:070104
Container Disposal	Containers should be cleaned by appropriate methods and then re-used or disposed in same manner as contents.

14. TRANSPORT INFORMATION

UN Number	n/a
UN Class	n/a
UN Packaging Group	n/a
ADR/RID Substance ID No.	n/a
ADR/RID - Class	n/a

15. REGULATORY INFORMATION

Labelling Information	According to EEC directives not subject to labelling
EEC (EINECS) No	203-473-3
R Phases	.n/a
S Phrases	n/a
UK regulatory references	Classification, packaging and label regs' 1984. COSHH 1988.
EC Annex 1 Classification	n/a

16. OTHER INFORMATION

MSDS first issued	01-May-01
MSDS data revised	15-Feb-04
Footnote	The above information is believed to be accurate. The sole purpose of the data sheet is to provide guidance on the safe handling and use of the respective product. It does not form part of any product specification or contract. It is not practical for the information to cover every conceivable application of the product. It is the responsibility of the user to evaluate the information for their own particular purpose. In no event shall the company beheld liable for any injury, loss or damage resulting from its use.