

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
Product Name	Tyre and Tube compound
Product Code(s)	722P
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Tyre lubricant
Uses advised against	Product is for professional use only
1.3 Details of the supplier of the safety data sheet	
Company Identification	Tech Europe 15 Ballinderry Road Lisburn BT28 2SA UK
Telephone	+44 2892 665721
E-Mail (competent person)	info@eurotyrerepair.com
1.4 Emergency telephone number	
Emergency Phone No.	+44 2892 665721 (08.30 – 16.00 GMT) +1 703 527 3887 (Chemtrec – U.S. All other times)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	No ingredients classified
2.1.2 Directive 67/548/EEC & Directive 1999/45/EC	No ingredients classified
2.2 Label elements	
2.2.1 Label elements	According to Regulation (EC) No. 1272/2008 (CLP). No special packaging or label requirements.
Precautionary statement(s)	P280: Wear protective gloves/protective clothing/eye protection/face protection.
2.2.2 Label elements	According to Directive 67/548/EEC & Directive 1999/45/EC. No special packaging or label requirements.
Safety Phrases	S37/39: Wear suitable gloves and eye/face protection.
2.3 Other hazards	None
2.4 Additional Information	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Triethanolamine	20-30	102-71-6	200-049-8	Not available	Not classified
Oleic acid	20-30	112-80-1	204-007-1	Not available	Not classified

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Triethanolamine	20-30	102-71-6	200-049-8	Not available	Not classified
Oleic acid	20-30	112-80-1	204-007-1	Not available	Not classified

3.3 Additional Information

None

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Seek medical treatment when anyone has symptoms apparently due to inhalation.

Skin Contact

Remove persons affected by vapour to fresh air. Get immediate medical attention. Get immediate medical attention.

Eye Contact

Eyes should be washed with plenty of water. Get immediate medical attention.

Ingestion

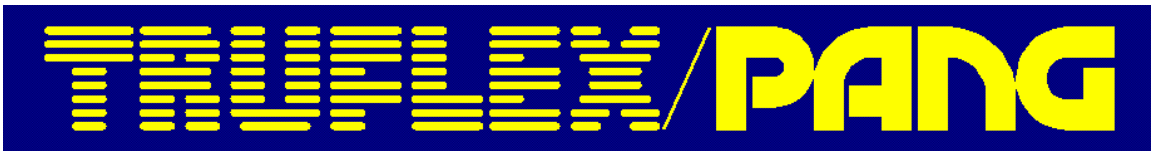
Wash out mouth with water. Do not induce vomiting. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Not available

4.3 Indication of the immediate medical attention and special treatment needed

Not available



SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media		
Suitable Extinguishing Media		Use water spray (fog), foam, dry chemical or CO ₂ . Fire water contaminated with this material must be contained and prevented of discharge to any waterway, sewer or drain.
Unsuitable Extinguishing Media		None known
5.2 Special hazards arising from the substance or mixture		None known
5.3 Advice for fire-fighters		Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures		Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment
6.2 Environmental precautions		Do not allow to enter drains, sewers or watercourses.
6.3 Methods and material for containment and cleaning up		Absorb spillages onto sand, earth or any suitable adsorbent material
6.4 Reference to other sections		Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
6.5 Additional Information		None

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling		Avoid contact with skin. Avoid breathing fumes. Avoid ingestion. Avoid inhalation of vapours. Use only with adequate ventilation. Keep away from heat and sources of ignition. Keep container tightly closed. Wear protective gloves/clothing and eye/face protection.
7.2 Conditions for safe storage, including any incompatibilities		
Storage Temperature		Store between 0 C to 40 C
Storage Life		2 years
Incompatible materials		Strong acids. Strong oxidising agents
7.3 Specific end use(s)		For use in tyre repair centres

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters		
8.1.1 Occupational Exposure Limits		No exposure limit known (UK Listings)

8.1.2 Biological limit value Not established

8.1.3 PNECs and DNELs

DNEL	Oral	Inhalation	Dermal
Industry - Long Term – Local effects	Not available	Not available	Not available
Industry - Long Term - Systemic effects	Not available	Not available	Not available
Industry - Short term - Local effects	Not available	Not available	Not available
Industry - Short term - Systemic effects	Not available	Not available	Not available
Professional - Long Term - Local effects	Not available	Not available	Not available
Professional - Long Term – Systemic effects	Not available	Not available	Not available
Professional - Short term - Local effects	Not available	Not available	Not available
Professional - Short term - Systemic effects	Not available	Not available	Not available
Consumer - Long Term - Local effects	Not available	Not available	Not available
Consumer - Long Term - Systemic effects	Not available	Not available	Not available
Consumer - Short term - Local effects	Not available	Not available	Not available
Consumer - Short term - Systemic effects	Not available	Not available	Not available

PNEC	
Aquatic Compartment	Not available
Terrestrial Compartment	Not available
Atmospheric Compartment	Not available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

The level of protection and types of control necessary will vary depending on potential exposure scenarios.

8.2.2 Personal protection equipment

Eye/face protection



Wear chemical safety glasses with side shields, or splash-proof goggles

Skin protection (Hand protection/ Other)

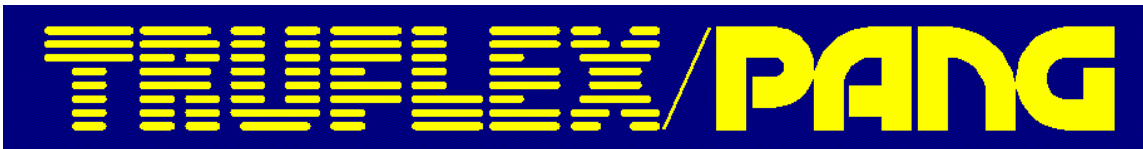


Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet –style gloves. Nitrile, CEN standards EN 420 and EN 374 provide general requirements and list of glove types.

Respiratory protection



If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136,



<p>Specific hygiene measures</p> <p>8.2.3 Environmental Exposure Controls</p>	<p>EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations</p> <p>None known</p> <p>See sections 6,7,12,13</p>
--	---

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

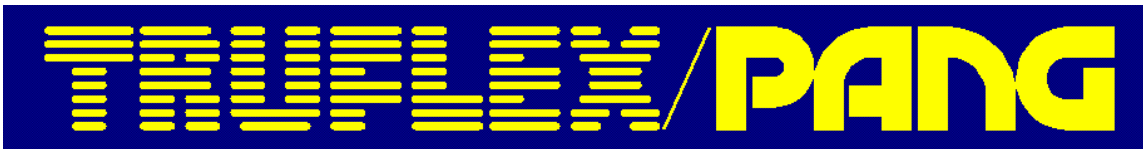
<p>9.1 Information on basic physical and chemical properties</p>	
Appearance	Viscous liquid
Colour	Light orange
Odour	Mild surfactant
Odour Threshold (ppm)	No data available
pH (Value)	8.9
Melting Point (°C) / Freezing Point (°C)	No data available
Boiling point/boiling range (°C):	101
Flash Point (°C)	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Explosive limit ranges	No data available
Vapour Pressure (mm Hg)	No data available
Vapour Density (Air=1)	>1.0
Density (g/ml)	No data available
Solubility (Water)	No data available
Solubility (Other)	No data available
Partition Coefficient (n-Octanol/water)	No data available
Auto Ignition Temperature (°C)	No data available
Decomposition Temperature (°C)	No data available
Viscosity (mPa.s)	No data available
Explosive properties	No data available
Oxidising properties	No data available
9.2 Other information	None

SECTION 10: STABILITY AND REACTIVITY

<p>10.1 Reactivity</p> <p>10.2 Chemical stability</p> <p>10.3 Possibility of hazardous reactions</p> <p>10.4 Conditions to avoid</p> <p>10.5 Incompatible materials</p> <p>10.6 Hazardous Decomposition Product(s)</p>	<p>Strong acids. Strong oxidising agents.</p> <p>Carbon monoxide, Carbon Dioxide</p>
--	--

SECTION 11: TOXICOLOGICAL INFORMATION

<p>11.1 Information on toxicological effects</p> <p>11.1.2 Mixtures</p>	
Acute toxicity	No data available
Irritation	No data available
Corrosivity	No data available
Sensitisation	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available



Toxicity for reproduction	No data available
11.2 Other information	None

SECTION 12: ECOLOGICAL INFORMATION

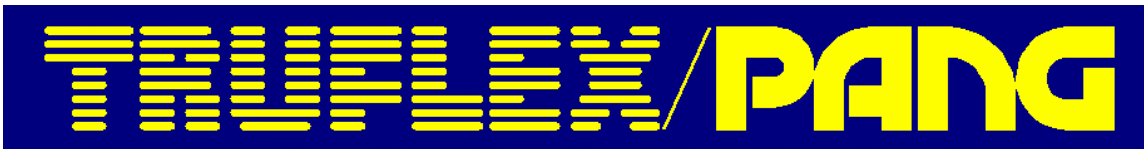
12.1 Toxicity	
12.2 Persistence and degradability	The mixture itself has not been tested
12.3 Bioaccumulative potential	The mixture itself has not been tested
12.4 Mobility in soil	The mixture itself has not been tested
12.5 Results of PBT and vPvB assessment	The mixture does not contain a substance that is a PBT or a vPvB
12.6 Other adverse effects	None

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum. Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.
13.2 Additional Information	None

SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)	
UN number	Not regulated
Proper Shipping Name	Not regulated
Transport hazard class(es)	Not regulated
Packing Group	Not regulated
Hazard label(s)	Not regulated
Environmental hazards	None
Special precautions for user	None
Additional information	None
14.2 Sea transport (IMDG)	
UN number	Not regulated
Proper Shipping Name	Not regulated
Transport hazard class(es)	Not regulated
Packing Group	Not regulated
Marine Pollutant	Not regulated
Special precautions for user	None
Additional information	None
14.3 Air transport (ICAO/IATA)	
UN number	Not regulated
Proper Shipping Name	Not regulated
Transport hazard class(es)	Not regulated
Packing Group	Not regulated
Environmental hazards	Not regulated
Special precautions for user	None



Additional information	None
14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	1907/2006 – REACH 1272/2008 – CLP 67/548/EEC –DSD 199/45/EC - DPD 2004/42/CE – Limitations on emissions of volatile organic compounds due to the use of organic solvents in vehicle refinishing products
15.1.1 EU regulations Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
15.1.2 National regulations	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
15.2 Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out for this mixture

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent bioaccumulative toxic
vPvB	Very persistent very bioaccumulative

References: Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate

Risk Phrases and Safety Phrases

S37/39: Wear suitable gloves and eye/face protection.

Hazard statement(s) and Precautionary statement(s)

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Tech gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Tech accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.