



# SAFETY DATA SHEET

## TYRE REPAIR

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

#### 1.1. Product identifier

Product name TYRE REPAIR  
Internal Id A0413

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Ring Automotive Limited  
Volvox House  
Gelderd Road  
Leeds  
LS12 6NA  
+44(0)113 213 200  
+44(0)113 231 0266  
www.ringautomotive.co.uk  
autosales@ringautomotive.co.uk

#### 1.4. Emergency telephone number

+44 (0) 777 8505 330

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) F+;R12.

#### 2.2. Label elements

##### Labelling



Extremely flammable

##### Risk Phrases

R12 Extremely flammable.

##### Safety Phrases

A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
A2 Do not spray on a naked flame or any incandescent material.  
S2 Keep out of the reach of children.  
S9 Keep container in a well-ventilated place.  
S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe vapour/spray.  
S35 This material and its container must be disposed of in a safe way.  
S51 Use only in well-ventilated areas.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# TYRE REPAIR

## 3.2. Mixtures

HYDROCARBON PROPELLANT		30-60%
CAS-No.: 68476-85-7	EC No.: 270-704-2	
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

#### Ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### Skin contact

Wash skin with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Rinse the eye with water immediately. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation.

Vapours may cause drowsiness and dizziness.

#### Ingestion

Due to the physical nature of this material it is unlikely that swallowing will occur.

#### Eye contact

Irritation of eyes and mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

### 5.2. Special hazards arising from the substance or mixture

#### Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Use water to keep fire exposed containers cool and disperse vapours.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Do not smoke, use open fire or other sources of ignition.

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with inert, damp, non-combustible material, then flush area with water.

### 6.4. Reference to other sections

# TYRE REPAIR

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store at moderate temperatures in dry, well ventilated area.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
HYDROCARBON PROPELLANT	WEL	600 ppm	1430 mg/m <sup>3</sup>	750 ppm	1780 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Rubber, neoprene or PVC.

#### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Appearance** Aerosol.

### 9.2. Other information

No information required.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

#### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

Fire or high temperatures create: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

# TYRE REPAIR

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Inhalation**

Vapours may cause drowsiness and dizziness.

#### **Ingestion**

Gastrointestinal symptoms, including upset stomach.

#### **Skin contact**

Repeated exposure may cause skin dryness or cracking.

#### **Eye contact**

Irritation of eyes and mucous membranes.

## SECTION 12: ECOLOGICAL INFORMATION

#### **Ecotoxicity**

The product is not expected to be toxic to aquatic organisms.

### 12.1. Toxicity

#### **Acute Toxicity - Fish**

Not determined.

### 12.2. Persistence and degradability

#### **Degradability**

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### **Mobility:**

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

### 14.2. UN proper shipping name

Proper Shipping Name AEROSOLS

# TYRE REPAIR

## 14.3. Transport hazard class(es)

ADR/RID/ADN Class	Class 2.1: Flammable gases.
IMDG Class	2
ICAO Class/Division	2
Transport Labels	



## 14.4. Packing group

Not applicable.

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

## 14.6. Special precautions for user

Tunnel Restriction Code (D)

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: REGULATORY INFORMATION

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

### Statutory Instruments

Control of Substances Hazardous to Health.

### Guidance Notes

Workplace Exposure Limits EH40.

### EU Legislation

Dangerous Preparations Directive 1999/45/EC.

## 15.2. Chemical Safety Assessment

### SECTION 16: OTHER INFORMATION

Revision Date 12/03/12

Revision 3

Supersedes date 20/09/11

Date 20/07/09

### Risk Phrases In Full

R12 Extremely flammable.

### Hazard Statements In Full

H222 Extremely flammable aerosol.

H220 Extremely flammable gas.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.