



EQUIPPING THE TYRE INDUSTRY

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Tyre Dough Product Number: 135031 AP04031 AV02211 Updated: September 2014

1.2. Relevant identified uses of the mixture and uses advised against

Identified use: Repair and filling of tyres For industrial use only

1.3. Details of the supplier of the safety data sheet

Supplier Airvert Ltd Chiswick Avenue Mildenhall, Suffolk IP28 7AX

☎: (01638) 562080 E-mail: sales@apagroup.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification:

Physical and Chemical Hazards EUH018 Human health Acute Tox. 4 – H332 Environment Aquatic Chronic 3 – H412

The full text for all R-Phases and Hazard Statements are displayed in section 16.

2.2. Label elements

Labelling: Label in accordance with (EC) No. 1272/2008

Contains: trans-DICHLOROMETHANE

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Signal Word Warning

Hazard Statements H332 Harmful if inhaled H412 Harmful to aquatic life with long lasting effects.
Precautionary Statements P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P261 Avoid breathing vapour/ spray P304/340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. P314 Get medical advice/

attention if you feel unwell. Material must be disposed of as hazardous waste. Supplemental label information EUH018 In use may form flammable/ explosive vapour-air mixture 2.3. Other hazards

Does not support combustion and will decompose when exposed to extreme conditions of heat at elevated temperatures, naked flames or incompatible materials. In use, may form flammable/ explosive vapour-air mixture.

SECTION 3: Composition/ information on ingredients

3.2. Mixtures

trans-DICHLOROETHYLENE

CAS-No.: 156-60-5

55-100%

EC No.: 205-860-2

Classification (EC 1272/2008) Flam. Liq. 2- H225 Acute Tox. 4 – H332 Aquatic Chronic 3- H412

Classification (67/548/EEC) F;R11 Xn;R20 R52/53

1,1,1,3,3- PENTAFLUOROBUTANE

CAS-No.,: 406-58-6

10-40%

EC No.:430-250-1 Registration Number: 01-0000017653-68-xxxx

Classification (EC 1272/2008) Flam. Liq. 2 H225

Classification (67/548/EEC) F;R11

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Ethyl Nonaflouroisobutyl ether

CAS-No.: 163702-06-5

1-6%

EC No.:

Classification (EC1272/2008) Not classified.

Classification (67/548/EEC) Not classified.

Synthetic rubber

CAS-No.:

10-20%

EC No.:

Classification (EC 1272/2008) Not classified.

Classification (67/548/EEC) Not classified.

See Section 16 for the full text of Risk/Hazard Phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if any discomfort continues.

Skin Contact: Remove all contaminated clothes. Wash skin thoroughly with plenty of water. If discomfort continues, seek medical attention

Eye Contact: promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Ingestion: Do not induce vomiting. Never give liquid to an unconscious person. Get medical attention if any discomfort continues.

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

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

Treatment: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog. Use extinguishing measures appropriate to local circumstances and the surrounding environment. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

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Hazardous combustion products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gasses or vapours.

5.3. Advice for firefighters

Advice for firefighters: Avoid breathing vapours. Keep run-off water out of sewers and water sources. Dike for water control.

Protective measures in fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing as described in section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: provide ventilation and confine spill. Do not allow runoff to sewer. Dam and absorb spillage with sand, sawdust or other absorbent. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. In use, may form flammable/ explosive vapour-air mixture.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed original container in a dry, cool and well ventilated place. 7.3. Specific end use(s)

Specific use: The specific uses for this product are detailed in section 1.2

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Name STD TWA- 8 Hours STEL – 15 Min Notes 1,1,1,3,3- PENTAFLUOROBUTANE 1000 ppm Ethyl Nonafluoroisobutyl ether OEL 200 ppm trans- DICHLOROETHYLENE ACGIH 200 ppm ACGIH = American Conference of Government Industrial Hygienists. OEL = Occupational Exposure Limit.

8.2. Exposure controls

CHEMICAL PROTECTIVE GLOVES

CHEMICAL SAFETY GOGGLES

Process conditions Provide eyewash, quick drench.

Engineering measures Provide adequate general and local exhaust ventilation.

Respiratory equipment if ventilation is insufficient, suitable respiratory protection must be provided. Check that mask fits tight and change filter regularly.

Hand protection Use suitable protective gloves if risk of skin contact. Manufactured/ tested in accordance with EN1374.

Eye protection Wear approved safety goggles. Manufactured/ tested in accordance with EN166.

Hygiene measures wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

Skin protection Wear apron or protective clothing in case of splashes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Viscous liquid Colour: Black Odour: Sweetish ether

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: stable under normal temperature conditions and recommended use. Forms an azeotrope and will not flash.

10.3. Possibility of hazardous reactions 10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Does not support combustion and will decompose when exposed to extreme conditions of heat at elevated temperatures, naked flames or incompatible materials.

10.5. Incompatible materials

Materials to avoid: Strong oxidising substances

10.6. Hazardous decomposition products

Haz. decomp. products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

This information is based on a consideration of the elements of the composition of this product.

11.1. Information on toxicological effects

Skin contact: Liquid may irritate skin.

Eye contact: May cause temporary eye irritation.

Ingestion: May cause discomfort if swallowed.

Inhalation: Gas or vapour may irritate respiratory system.

SECTION 12: Ecological information

This information is based on a consideration of the elements of the composition of this product.

12.1. Toxicity

Eco toxicity values: Acute Fish Toxicity. May harmful effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability: No data available.

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12.3. Bioaccumulative potential

Bioaccumulation: No data available on bioaccumulation.

12.4. Mobility in soil

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

Results: No information available.

12.6. Other adverse effects

Additional information:

SECTION 13: Disposal considerations

This information is based on a consideration of the elements of the composition of this product.

Disposal operations: Do not allow to run off to sewer, waterway or ground. Confirm disposal procedures with environmental engineer and local regulations. Dispose of waste and residues in accordance with local authority requirements. Disposal of packaging: EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue should be carried out in agreement with an EA authorised waste disposal company. The classification of the product may meet the criteria for hazardous waste.

SECTION 14: Transport information

This information is based on a consideration of the elements of the composition of this product.

General This product is not hazardous for transportation.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

EU Legislation Regulation (EC) No 1272/2008 CLP. Regulation (EC) No 1907/2006 REACH.

National Regulations The substances contained in the product are listed in the following international inventories: TSCA (US)

15.2. Chemical safety assessment

SECTION 16: Other information

General Information: This Safety Data Sheet is in accordance with Commission Regulation (EU) No 453/2010. Only trained personnel should use this material. Since empty containers retain product residue, follow label warnings, even after container is emptied. For further Health and Safety information contact: Health and Safety Officer.

Risk Statement in Full

R20 Harmful by inhalation. R52/53 Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment. R11 Highly flammable. R18 In use, may form flammable/ explosive vapour-air mixture.

Hazard Statements in Full

EUH018 In use may form flammable/ explosive vapour-air mixture. H225 Highly flammable liquid and vapour. H332 Harmful if inhaled. H412 Harmful to aquatic life with long lasting effects.

Notes for Risk Phrases and Hazard Statements in Full

The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

Legal Disclaimer:

The information provided in this Safety Data Sheet is believed to be correct but does not purport to be all inclusive and does not constitute the users' own assessment of the workplace risk as required by other health and safety legislation. The application, use and processing of related products are beyond our control and therefore entirely your own responsibility. The company shall not be held liable for any damage resulting from handling or from contact with the above produce.

This product should not be used for purposes other than those for which it is designed. The information contained in this safety data sheet is based on present knowledge and current national legislation and meets the requirements of the Chemicals (Hazard Information and Packaging) Regulations. It provides guidance on health, safety and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications.