

## Product and Company Identification

Product Name: Grip Pro  
Last Updated: 08/07/2016  
Approved use: Cleaning and preparation of rubber components  
Supplier:

Grip Pro  
Bryn Y Garreg  
Rhydymwyn Road  
Mold  
Flintshire  
CH7 5HS

Telephone: 01352740657

## Composition/Ingredients

Solvent Naptha (petroleum blend), light, hydrotreated light, Hexane (n-)

## Hazards Identification

Means of entering the body: Inhalation, Swallowing, Skin/Eye  
Hazard Category:



Harmful Chemicals



Highly Flammable

Exposure Risk: Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed. Irritating to skin  
Additional Hazards: Highly Flammable. Toxic to aquatic organisms, may cause long term adverse affects in the aquatic environment

## First Aid Measures

GENERAL: Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Perform artificial respiration if breathing has stopped. Do not give victim anything to drink if they are unconscious.

INHALATION: Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Get medical attention if any discomfort continues.

INGESTION: Immediately rinse mouth and provide fresh air. DO NOT induce vomiting if swallowed chemical is dissolved in petroleum based material. Danger of aspiration and development of chemical pneumonia. Get medical attention immediately

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**SKIN CONTACT:** Remove contaminated clothes and rinse skin thoroughly with water. Rinse with water. Contact physician if discomfort continues

**EYE CONTACT:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues. Get medical attention promptly if symptoms occur after washing.

## Fire-Fighting Measures

Extinguishing media: CO<sub>2</sub>, Dry powder, Foam

**SPECIAL FIRE FIGHTING PROCEDURES:** Keep up-wind to avoid fumes. If possible, fight fire from a protected position. Move container from fire area if it can be done without risk. Use supplied air respirator if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water- sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire. Ventilate closed spaces before entering them. Be aware of danger for fire to re-start. Be aware of danger of explosion.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Forms explosive mixtures with air. Vapours heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. **HIGHLY FLAMMABLE**

**SPECIFIC HAZARDS:** The product is flammable and heating may generate vapours which may form explosive vapour/air mixtures. Fire creates: Toxic gases/vapour/fumes of Carbon Monoxide (Co), Carbon Dioxide (Co<sub>2</sub>). Vapours may form explosive air mixtures even at room temperature. Vapours may be ignited by a spark, hot surface or an ember.

**PROTECTIVE MEASURES IN FIRE:** Wear full protective clothing. Self contained breathing apparatus and full protective clothing must be worn in case of fire

## Accidental Release Measures

**PERSONAL PRECAUTIONS:** Wear protective clothing as described in Section 8 of this safety data sheet. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. In case of inadequate ventilation, use respiratory protection. Take precautionary measures against static discharges. Do not smoke, use naked flames or other sources of ignition. Do not breathe vapour. Eye contact **MUST** be prevented by means of suitable personal protection equipment. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS:** Do not discharge onto the ground or into water courses. Do not allow ANY environmental contamination. Never use water by itself on spillage: this will spread the spill and cause further contamination. Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

**SPILL CLEAN UP METHODS:** If leakage cannot be stopped, evacuate area. Clean-up personnel should use respiratory and/or liquid contact protection. Wash thoroughly after dealing with a spillage. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Cover large spillage with alcohol resistant foam. Dam and absorb spillage with sand, earth or other non-combustible material. Runoff or release to sewer, waterway or ground is forbidden. Inform authorities if large amounts are involved. Spillages may be stored as chemical waste in approved area. When dealing with a spillage, please consult the section relating to suitable protective measures. Do not contaminate water sources or sewer. Cover large spillages with foam.

## Handling and Storage

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact. Avoid contact with skin and eyes. Keep away from heat sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be grounded. Protect electric equipment against sparking in case of risk of explosion. Wear full protective clothing for prolonged exposure and/or high concentrations. Contaminated rags and cloths must be put in fireproof containers for disposal. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Do not eat, drink or

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smoke when using the product. Container must be kept tightly closed. Do not use in confined spaces without adequate ventilation and/or respirator. Protect against direct sunlight.

**STORAGE PRECAUTIONS:** Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep away from food, drink and animal feeding stuffs. Avoid contact with oxidising agents. Flammable/combustible - keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Keep in original container.

**STORAGE CLASS:** Flammable liquid storage

Hexane-norm WEL 20ppm / 72mg/m<sup>3</sup> TWA- 8hrs

Naphtha (petroleum), Hydrotreated Light: low boiling point WEL 1200 mg/m<sup>3</sup> TWA- 8hrs

SBP2L WEL 1200mg/m<sup>3</sup> TWA-8hrs

**PROCESS CONDITIONS:** Use engineering controls to reduce air contamination to permissible exposure level. Provide

eyewash, quick drench.

**ENGINEERING MEASURES:** Provide adequate ventilation, including appropriate local extraction, to ensure the defined workplace exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT:** If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

**HAND PROTECTION:** Protective gloves must be used if there is a risk of direct contact or splash. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

**EYE PROTECTION:** Wear splash-proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield.

**OTHER PROTECTION:** Use barrier creams to prevent skin contact. Provide eyewash station and safety shower.

Wear appropriate clothing to prevent repeated or prolonged skin contact.

**HYGIENIC MEASURES:** Wash at the end of each work shift and before eating, smoking, and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. Eating, smoking and water fountains prohibited in immediate work area. **DO NOT SMOKE IN WORK AREA!**

## Physical and chemical properties

Appearance & odour: Clear, colourless liquid with characteristic odour

### Appearance

**Physical state :** Liquid. [Viscous liquid.]

**Color :** Clear. [Light]

**Odor :** Solvent. [Strong] :

**Odor threshold** Not available.

**pH :** Not applicable.

**Melting point :** <-50°C (<-58°F)

**Boiling point :** 93.3 to 115.6°C (199.9 to 240.1°F)

**Flash point :** Closed cup: -7°C (19.4°F) [Tagliabue.]

**Burning time :** Not applicable.

**Burning rate :** Not applicable.

**Evaporation rate :** >1 (butyl acetate = 1)

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**Flammability (solid, gas) :** Not available.

**Lower and upper explosive (flammable) limits :** Lower: 1.3% Upper: 8%

**Vapor pressure :** 5.3 kPa (40 mm Hg) [room temperature]

**Vapor density :** >1 [Air = 1]

**Relative density :** 0.73

**Solubility :** Very slightly soluble in the following materials: cold water

**Solubility in water :** Not available.

**Partition coefficient: n- octanol/water**

**Auto-ignition temperature :** Not available. : 280°C (536°F)

## Stability and Reactivity

**STABILITY:** Stable under normal conditions and recommended use. Avoid: Heat, sparks , flames.

**CONDITIONS TO AVOID:** Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition. **HAZARDOUS POLYMERISATION:** Will not polymerise

**MATERIALS TO AVOID:** Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## Toxicological Information

**GENERAL INFORMATION:** Prolonged and repeated exposure with solvents over a long period may lead to permanent health problems. Contains small amounts of organic solvents. Extensive use of this product in areas with inadequate ventilation may result in hazardous vapour concentrations.

**INHALATION:** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause serious chemical pneumonia. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

**INGESTION:** Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

**SKIN CONTACT:** Repeated exposure may cause skin dryness or cracking.

**EYE CONTACT:** Irritation of eyes and mucous membranes.

**HEALTH WARNINGS:** Prolonged or repeated contact leads to drying of skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Route of entry: Ingestion. Inhalation

Target Organs: Brain. Respiratory system. Lungs. Mucous membranes.

**Medical Symptoms:** Skin irritation. Irritation of eyes and mucous membranes. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**Medical Considerations:** Skin disorders and allergies. Convulsive disorders. CNS problems. Risk of chemical pneumonia after aspiration.

**Specific Effects:** Prolonged or repeated contact with used oil may cause skin diseases, such as dermatitis.

Prolonged or repeated contact with used oil may cause serious skin diseases such as dermatitis and skin cancer. Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system , including the brain.

## Ecological Information

**ECOTOXICITY:** The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

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**MOBILITY:** Semi-mobile. The product is insoluble in water and will spread on the water surface.  
**BIOACCUMULATION:** The product has the potential to bio-accumulate

**DEGRADABILITY:** The product is expected to be biodegradable  
**ACUTE FISH TOXICITY:** Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment  
**WATER HAZARD CLASSIFICATION:** WGK2

## Disposal Considerations

**GENERAL INFORMATION:** Do not puncture or incinerate even when empty. Waste, residue, empty containers, discarded work clothes and used disposable towels must be collected in assigned receptacles, labelled with content. Waste is classified as hazardous waste. Disposal to licenced waste disposal site in accordance with local Waste Disposal Authority.  
**DISPOSAL METHODS:** No specific disposal method required. Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground.  
**WASTE CLASS:** Hazardous Waste. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See Section 12.

## Transport Information

UK Road Class: 3 UN No. Road: 3295 ADR Class No.: 3 ADR Pack Group: II Hazchem Code: 3YE IMDG Class: 3

## Regulatory Information

Proper Shipping Name: Hydrocarbons, Liquid N.O.S.  
UK Road Pack Gr. II  
ADR Class: Class 3: Flammable Liquids  
Hazard No. (ADR): 33 Highly Flammable Liquid (flash point below 23C) ADR Label No.: 3

IMDG Pack Gr.: III

Risk/Safety Codes	Description
R11 Highly flammable	
R38 Irritating to skin	
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment	
R67 Vapours may cause drowsiness and dizziness	
R65 Harmful: may cause lung damage if swallowed	
S9 Keep container in a well-ventilated place	
S33 Take precautionary measures against static discharges	
S43 In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder – NEVER USE WATER!	
S62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label	

## Other Information

The information contained in this safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product in the workplace.

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

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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.