

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: GHN RUBBER PROOFED COTTON CLOTH MOULDED COMPONENTS

Note: This MSDS applies only to the vulcanized product.

Manufacturer: James Walker & Co Ltd
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Cumbria
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Fax: +44 (0) 1900 898354
cockermouth@jameswalker.biz

Please refer to the James Walker website, www.jameswalker.biz for contact details of your local James Walker organisation.

2. HAZARDS IDENTIFICATION

Not classified under CHIP 4 Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009.

During normal handling and fitting at ambient temperatures there are no health hazards associated with these products provided that good standards of industrial hygiene are observed.

At elevated temperatures above 150°C toxic fumes may be emitted from the rubber components and these should not be inhaled.

Care should be exercised to avoid the production and inhalation of any dust created during machining operations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This MSDS only covers vulcanised material.

These products are manufactured from cotton cloth proofed with a mixture of polychloroprene (neoprene) and acrylonitrile-butadiene (nitrile) rubber. The rubber compound contains base polymers reinforced with carbon black. In addition, they contain anti-degradants, curing agents, organic accelerators, plasticisers and processing aids.

4. FIRST AID MEASURES

INHALATION: If fumes from overheated material are inhaled, remove the subject to fresh air and seek medical attention if any irritation persists.

If dust from machining operations is inhaled, remove the subject to fresh air and seek medical attention if any irritation persists.

EYE CONTACT: Flush with clean water for 15 minutes and seek medical attention if any irritation persists.

SKIN CONTACT: Wash well with soap and water. Seek medical attention if any irritation persists.

INGESTION: Unlikely to occur but if it does, seek medical attention.

This copy will not be updated.

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This information given should be treated as guidance and the user must assess the actual risks from the storage, transportation, usage and disposal methods. The safety standard should conform with the requirements of legislation, approved codes of practice and related HSE guidance publications. The Health and Safety at Work Act 1974, Factories Act 1961, Regulation 4 of the Personal Protection Equipment at Work Regulations 1992, and the Control of Substances Hazardous to Health (COSHH) 2002 are particularly relevant. It should be noted that the information in this datasheet is not applicable if the usage or working methods are different to those given in this datasheet.

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5. FIRE-FIGHTING MEASURES

Water, foam, carbon dioxide or dry powder are suitable extinguishants.

Self-contained breathing apparatus should be worn if tackling a fire involving large quantities of material, or in a confined space, as toxic fumes will be emitted.

6. ACCIDENTAL RELEASE MEASURES

Good housekeeping practices, such as planned cleaning, will reduce underfoot debris. Pick up large pieces and use a vacuum cleaner fitted with a high efficiency filter, such as a Type H (BS5415), for smaller pieces or dust. Dispose of as detailed in Section 13.

7. HANDLING AND STORAGE

Handling: Avoid the creation of dust. These products should be cut with sharp knives or cutters. Sawing, grinding or other abrasive processes that can generate dust should be avoided. Although there are no known long term health hazards associated with the use of these products, exposure to any inhalable material should be minimised. Personal protection is not necessary other than dust masks or respirators to control airborne dust and protective clothing to prevent physical contamination. Dust levels should be kept to a minimum and below the MEL (Maximum Exposure Limit), see EH40.

Storage: Store in a cool, dry place away from direct sunlight and sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Approved dust mask if dust is formed during machining.

EYE PROTECTION: Safety glasses if dust is formed during machining.

HAND PROTECTION: Gloves if required.

OTHERS: Local exhaust ventilation to maintain airborne dust to below established limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Mouldings, sheeting or cut shapes.

COLOUR: Black.

ODOUR: Slight rubber-like odour.

DENSITY: N/A

SOLUBILITY IN WATER: Insoluble.

10. STABILITY AND REACTIVITY

These products are stable under normal conditions of storage, fitting and use.

Exposure to elevated temperatures in excess of 150°C may result in the emission of toxic fumes which should not be inhaled.

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11. TOXICOLOGICAL INFORMATION

These products are considered to be harmless if handled correctly. If excess dust is produced, irritation of the eyes, skin and respiratory tract may occur.

MEL for rubber fumes: See HSE Guidance Notes EH40.

OEL for dust: See HSE Guidance Notes EH40.

Toxic degradation products may be emitted at elevated temperatures above 150°C.

12. ECOLOGICAL INFORMATION

These products are inert and will remain stable for a considerable period of time. No harmful ecological effects are known from handling these products.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified under CHIP 4 Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009.

Not classified as dangerous for transport.

15. REGULATORY INFORMATION

Not classified under CHIP 4 Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009.

Not classified as dangerous for supply/use.

16. OTHER INFORMATION

Avoid the inhalation of any dust that may be generated during the machining of products or the removal of used products.

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