



MATERIAL SAFETY DATA SHEET FOR  
RESISTIVE LATEX EXERCISERS

### **1. Chemical Product and Company Identification**

Natural Rubber plus essential processing additives and pigments.

Manufactured by: Four D Rubber Company Ltd, Units 11-15, Slack Lane, Heanor Gate Industrial Estate, Heanor, Derbyshire DE75 7GX, United Kingdom.

Tel. +44 (0)1773 763134

Email [info@fourdrubber.com](mailto:info@fourdrubber.com)

### **2. Composition/Information on Ingredients**

Natural rubber latex plus essential processing agents including zinc diethyl dithiocarbamate (ZDEC), zinc dibutyl dithiocarbamate (ZDBC) and zinc mercaptobenzothiazole (ZMBT) accelerators. Also carbon black pigment in some colours.

### **3. Hazards Identification**

Natural rubber is considered non-hazardous under normal temperature conditions. At temperatures in excess of 100°C degradation with the accompanying release of hazardous fumes may occur.

### **4. First Aid Measures**

Inhalation: Not applicable under normal temperature conditions. Remove from exposure in the event of inhalation of fumes/vapours at elevated temperatures and seek medical advice.

Skin contact: Not hazardous for short term exposure. Remove from exposure and seek medical advice in the event of allergy symptoms from proteins found in natural rubber or from accelerators.

Eye contact: Not applicable

Ingestion: Not applicable

### **5. Flammable Properties**

Will ignite if in contact with a naked flame. Observe non smoking regulations in storage areas.

## **6. Accidental Release Measures**

Not applicable on normal use.

## **7. Handling and Storage**

Observe correct manual handling procedures.

Store below 26°C and away from heaters.

Avoid damp storage conditions.

Protect from prolonged exposure to light in particular bright sunlight and strong u.v. light which will degrade light colours.

Avoid contact with copper and copper containing alloys which will stain light coloured exercisers brown.

Avoid contact with oils, solvents and greases, which will destroy natural rubber.

## **8. Exposure Controls**

Adequate ventilation should be provided at the point of work in order that fumes do not accumulate in the work area.

## **9. Physical and Chemical Properties**

Appearance: Rubber sheeting of assorted colours.

Odour: Characteristic

Flash Point: >250°C

Water Solubility: Insoluble

Ignition Temp: >200°C

## **10. Stability and Reactivity**

Stable under normal conditions of use.

## **11. Toxicological Information**

No hazard likely under normal conditions.

## **12. Ecological Considerations**

Not water soluble. Natural rubber is biodegradable.

## **13. Disposal Considerations**

Dispose according to local/national regulations. Use an authorised waste disposal company.

#### **14. Transport Information**

Not thought to be a dangerous cargo.

#### **15. Regulatory Information**

The processing additives have the following risk phrases: R38 – Irritating to skin; R43 – May cause sensitisation by skin contact on repeated exposure.

#### **16. Other Information**

Revised 23/08/2017 to update address. No changes to content.

The information on this data sheet is presented in good faith and is accurate to the best of our knowledge at the above date. However, it is issued without guarantee.