

Twiflex Product Range

Health and Safety Data Sheet

P-9088-TF



 **Twiflex**[®]
Limited

An **Altra Industrial Motion** Company

Mechanical Aspects

TWIFLEX products are designed to operate under loads and conditions as given in the relevant Technical Specifications. It is essential that these loads and conditions are NOT exceeded. Also selection of the correct product for the application is vital. If there is any doubt TWIFLEX has a team of experienced Applications Engineers who can advise accordingly. Many of our products contain large amounts of Mechanical Energy (i.e. Compressed Springs or similar). It is ESSENTIAL that they are NOT dismantled, serviced or assembled without careful reference to the SERVICE AND MAINTENANCE INSTRUCTIONS or an EXTREMELY DANGEROUS incident could occur.

Safety Glasses and Gloves should be worn by persons installing, removing, repairing or servicing our equipment. This is to protect against the possible hazards of surfaces being chipped, dust etc., and avoid injury due to any sharp edges. Safety Shoes and Hard Hats should be worn when appropriate.

Handling

The TWIFLEX Product Range contains components and materials of many types. For convenience and clarity they are grouped together below by type.

Friction Materials

All Friction Materials used by TWIFLEX are Asbestos Free. There are no proven Health Hazards with the Friction Materials used by TWIFLEX. However normal care and precautions should be taken and in particular:

DO NOT INHALE DUST
WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.
DO NOT REMOVE WEAR PRODUCTS, DUST AND DEBRIS USING COMPRESSED AIR.
DUST SHOULD BE REMOVED USING AN INDUSTRIAL VACUUM CLEANER. IF NECESSARY USE A DUST SUPPRESSANT.

Certain materials used in rubber and associated flexible materials can cause Skin Irritation. This could lead to Dermatitis in those persons with sensitive skin who frequently handle rubber products.

Persons who have to handle rubber products frequently are advised to wear gloves whenever practicable, use barrier cream and wash their hands after handling, before eating, drinking or smoking.

We believe that we have disclosed all matters which could have a material effect on Health and Safety.

This Data Sheet provides the information required by Section 6 of the Health and Safety at Work Act 1974 as amended by Schedule 3 of the Consumer Protection Act 1987.

Certain synthetic seals such as Viton (R) decompose and release HYDROFLUORIC ACID if overheated (above 316 degrees C). This acid is extremely corrosive. Please consult TWIFLEX for specialist advice if this problem is suspected.

Oils, Fluids and Greases

A variety of these substances are used in our products, normally in relatively small quantities.

The precautions recommended are to use barrier cream and wash hands after handling, before eating, drinking or smoking.

Metal Surfaces

Leaching of ZINC from plated surfaces can occur if articles are handled by persons with wet hands. Hands should be dry and the precautions recommended for oils etc. are appropriate. ZINC PLATED Components should not be exposed to temperatures above 350 degrees C. TWIFLEX does not supply CADMIUM PLATED components.

Other metal surfaces used in TWIFLEX products are not known to present any significant risk.

Storage and Fire Precautions

Rubber components may deteriorate during storage particularly if adverse storage conditions apply. BS3574 details the most suitable conditions for storage. Rubber components may give off toxic fumes if involved in a fire. Breathing apparatus should be used by firefighters if in a confined space.

Transport Precautions

No special requirement.

Disposal

Disused products should be disposed of by normal methods. Where incineration is used on Rubber Parts, the incinerator must be specifically designed to give complete combustion of gases and the fumes produced.



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