

# Material Safety Data Sheet (MSDS) & Product Usage Sheet

## FM Insulation Supplies

### Stainless Steel 316 Tank Expansion Springs

Statement of hazardous nature : This product is not classified as hazardous

Product name : Tank Expansion Spring

Other names : N/A

Manufacturers Product Code : None applicable

UN Number : None Allocated

Dangerous Goods Class & Subsidiary Risk : None Allocated

Hazchem Code : None Allocated

Poisons Schedule Number : None Allocated

Use : When incorporated in strapping systems to tanks & pipes the spring allows the strapping system to expand without tension breaking

Physical description & properties :

Appearance : A flattened spring approx 4" (102mm) long x 20-25mm wide

Health Hazard Information

When tensioning the spring during application ensure fingers are kept away from the open spring

Country of origin : Peoples Republic of China

## Product Usage Data

Tank springs are attached to banding (12mm or 20mm) with wing seals.

Springs should be pre-stretched approx 1/2" (12mm) on initial application.  
Maximum additional expansion per spring should not exceed 2 inches (51mm).

The number of springs per circumference should have an expansion capacity of at least twice that of the expected expansion of the item.

i.e. if expansion of 6" (152mm) is expected around a circumference 6 springs should be used per circumferential banding assembly

When multiple springs are used the springs must be evenly spaced around the circumference to ensure even distribution of stresses.

Contact :                      Should you require any further information on this or any other product supplied by our company please do not hesitate to contact us on ph. 02 4735 5699, mobile 0417 230 030 fax. 02 4735 5799, e-mail [mike.flavell@gmail.com](mailto:mike.flavell@gmail.com) or visit our web site                      [www.fminsulation.com.au](http://www.fminsulation.com.au)