

# MATERIAL SAFETY DATA SHEET



## SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

Product Name: Tycroc Carbon steel screw  
Materials: carbon steel  
Details of the supplier of the safety data sheet: Tycroc Ltd.  
Pimi 7, 10617, Tallinn, Estonia  
Tel: +372 44 27 543  
info@tycroc.com  
www.tycroc.com  
Emergency telephone number: 112

## SECTION 2: HAZARDS IDENTIFICATION

This product is not classified as hazardous (to people or to the environment) under current CHIP regulations.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Chemical constituents (%)	CAS NO.
Iron ( Fe)	86	7439-89-6
Carbon ( C)	0.3	7440-44-0
Silicon ( Si)	1.3	7440-21-3
Manganese ( Mn)	0.3	7439-96-5
Phosphorus ( P)	0.9	7723-14-0
Chromium ( Cr)	6.6	7440-47-3
Sulphur ( S)	0.5	7704-34-9
Nickel ( Ni)	0.5	7440-02-0
Lead ( Pb)	1.2	7439-92-1

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## SECTION 4: FIRST AID AND MEASURES

Inhalation:	Exposure Pathway - none
Ingestion:	Exposure Pathway - swallowing the material: material is non-toxic but as it is inert, it may cause blockages to the g.i. tract so do not use laxatives. Medical attention may need to be sought.
Absorption thru Skin:	Exposure Pathway - none
Contact with Eyes:	Exposure pathway - none.

## SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media:	None
Un-suitable Extinguishing Media:	None
Exposure Hazards arising from fire:	None
Fire fighting Equipment:	No special measures required

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	No special measures required
Personal Precautions:	No special measures required
Method for Cleaning up Spills:	No special measures required

## SECTION 7: HANDLING AND STORAGE

Handling:	No special measures required
Storage:	No special measure required

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## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	None
Exposure Limits:	Dust    None
Respiratory Protection:	No special measures required
Hand Protection:	No special measures required
Eye Protection:	No special measures required

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Tycroc stainless steel washer with some holes
Packaging:	Tycroc washer are packed in plastic bag and carton box
Odour:	None
Solubility in Water:	Insoluble
Melting Point:	approx. 1083 °C
Boiling Point:	N/A
Explosion Hazard:	None
Hazchem Code:	None

## SECTION 10: STABILITY AND REACTIVITY

Stability:	Completely inert during normal operational conditions
Materials / Conditions to avoid:	Aromatic hydrocarbons - organic solvents Adhesives based on organic solvents. Strong Oxidising agents - acids.
Hazardous Decomposition Products:	None

## SECTION 11: TOXICOLOGICAL INFORMATION

Not regarded as toxic to the environment

## SECTION 12: ECOLOGICAL INFORMATION

Not regarded as hazardous to the environment

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## SECTION 13: DISPOSAL CONSIDERATIONS

Recycling of this product is currently not widely available

## SECTION 14: TRANSPORT INFORMATION

Not classified as a hazardous material by road, rail, sea or air. UN

Number: N/A

## SECTION 15: REGULATORY INFORMATION

Classification according EC Directive on Dangerous Product Regulations: None

## SECTION 16: OTHER INFORMATION

Last revision of this MSDS: April 2019

Prepared in good faith with the belief that all the information herein is accurate based by producer.