



## SAFETY DATA SHEET

# Compashield Ni/C



The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 07.06.2018

#### 1.1. Product identifier

Product name Compashield Ni/C

Article no. Nolato 864X and 868X series, X is any number between 0 and 9. This document is also valid for the above mentioned products when they are delivered as A+B

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance / preparation Silicone rubber filled with metal powders for industrial manufacturing of EMI shielding gaskets

Relevant identified uses SU11 Manufacture of rubber products

#### 1.3. Details of the supplier of the safety data sheet

Company name Nolato Silikonteknik AB

Office address Bergsmansvägen 4

Postal address Box 62

Postcode 69403

City Hallsberg

Country Sweden

Telephone number +46 58288900

Fax +46 58288999

Email [magnus.mattsson@nolato.se](mailto:magnus.mattsson@nolato.se)

Website <http://www.nolato.se/silikonteknik>

#### 1.4. Emergency telephone number

Emergency telephone Telephone number: +4658288900

### SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] H351,H372,H317,H412

## 2.2. Label elements

### Hazard pictograms (CLP)



Signal word	Danger
Hazard statements	H317 May cause an allergic skin reaction. H351 Suspected of causing cancer H372 Causes damage to organs through prolonged or repeated exposure H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P280 Wear protective gloves. P260 Do not breathe fume.

## 2.3. Other hazards

Other hazards None.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Silicone rubber	CAS No.: 63394-02-5		20 -50 % wt/wt	
Nickel powder [particle diameter < 1 mm]	CAS No.: 7440-02-0 EC No.: 231-111-4 Index No.: 028-002-01-4	Carc. 2; H351; STOT RE 1; H372; Skin Sens. 1; H317; Aquatic Chronic 3; H412;	30 -60 % wt/wt	
Graphite, inhalable dust	CAS No.: 7782-42-5		10 -30 % wt/wt	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Gently wash with plenty of soap and water.
Eye contact	If irritation occurs during dust-raising work, flush with plenty of water for up to 15 minutes.
Ingestion	Rinse mouth with water.

### 4.2. Most important symptoms and effects, both acute and delayed

General symptoms and effects      If skin irritation or rash occurs: Get medical advice/ attention.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment      None.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media      Fight fire with normal precautions from a reasonable distance.

#### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards      When heated and in case of fire, harmful vapours/gases may be formed.

#### 5.3. Advice for firefighters

Personal protective equipment      Wear fire / flame resistant / retardant clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures      Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

Environmental precautionary measures      Collect spillage. Avoid discharge into drains, water courses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

Containment      Collect spillage.

#### 6.4. Reference to other sections

Other instructions      None.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling      Avoid prolonged skin contact.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage      Store at moderate temperatures in dry, well ventilated area.

#### 7.3. Specific end use(s)

Specific use(s)      No information.

### SECTION 8: Exposure controls / personal protection

## 8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Nickel powder [particle diameter < 1 mm]	CAS No.: 7440-02-0	Limit value (8 h) : 0,5 mg/m <sup>3</sup>	
Control parameters comments		<b>Exposure limit letter</b> Letter code: Sk; Carc; Sen	
		Not relevant.	

## 8.2. Exposure controls

### Precautionary measures to prevent exposure

Appropriate engineering controls Provide sufficient ventilation during operations which cause vapour formation.

### Eye / face protection

Required Properties Wear approved chemical safety goggles where eye exposure is reasonably probable.

### Hand protection

Skin- / hand protection, short term contact For prolonged or repeated skin contact use suitable protective gloves.

### Respiratory protection

Respiratory protection necessary at No special precautions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid.
Colour	Dark.
Odour	None.
Vapour pressure	Comments: Not relevant.
Density	Value: 1,5 -2,5 g/cm <sup>3</sup>
Solubility	Comments: Insoluble in water.

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No specific conditions are likely to result in a hazardous situation.

### 10.2. Chemical stability

Stability Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions    None.

**10.4. Conditions to avoid**

Conditions to avoid    None.

**10.5. Incompatible materials**

Materials to avoid    None.

**10.6. Hazardous decomposition products**

Hazardous decomposition products    Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Other toxicological data    Sensitising.

**Other information regarding health hazards**

Carcinogenicity    Toxicity type: Carcinogenicity  
Route of exposure: Inhalation (dust)

**Symptoms of exposure**

In case of ingestion    No known chronic or acute health risks.

In case of skin contact    May cause sensitisation by skin contact. Defatting, drying and cracking of skin.

In case of inhalation    Vapours liberated during curing of the product may in high concentrations irritate the throat and respiratory system and cause coughing.

In case of eye contact    Irritating and may cause redness and pain.

**SECTION 12: Ecological information****12.1. Toxicity**

Ecotoxicity    Exposure to aquatic environment unlikely.

**12.2. Persistence and degradability**

Persistence and degradability, comments    The product is not expected to be biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulative potential    Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

**12.4. Mobility in soil**

Mobility Not relevant, due to the form of the product.

### 12.5. Results of PBT and vPvB assessment

PBT assessment results None.

### 12.6. Other adverse effects

Other adverse effects, comments None.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal Collect spillage. Dispose of waste and residues in accordance with local authority requirements.

EWC waste code Classified as hazardous waste: No

## SECTION 14: Transport information

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

### Additional information

Additional information The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Restriction of chemicals according to Annex XVII (REACH) None.

### 15.2. Chemical safety assessment

## SECTION 16: Other information

Supplier's notes The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in

accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

List of relevant H-phrases (Section 2 and 3)

H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer  
H372 Causes damage to organs through prolonged or repeated exposure  
H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]

H351,H372,H317,H412

Version

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