

# MSDS ATTACHMENT

**PLEASE ATTACH THIS COMPLETED SHEET TO THE MSDS FOR :**

**PRODUCT :**

FECIN TK Cup Brush Steel 125mm x M14 0,50

**DATE :**

(MSDS date)

09.11.2020

**1. Manufacturer/Supplier :**

PPS Industries Limited  
86 Hugo Johnston Drive, Auckland  
New Zealand  
P.O.Box 12823, Penrose, Auckland 1642  
Phone : 64 9 579-1001  
Facsimile : 64 9 579-9497  
Emergency Phone : 0800 657-894  
Website: www.ppsindustries.co.nz

**Emergency Information :**

National Poison Centre : 0800 764-766  
Chemcall 24/7 Emergency Response Service : 0800 243-622

**13. Disposal Considerations :**

**Product**

Recommendation - Consult local or national regulations to ensure proper disposal.

**Packaging**

Disposal must be made according to official regulations.

**16. Other Information :**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



**TWISTED KNOT WIRE CUP F-25 Ø5"  
/ M-14 / .020" STEEL**

**CODE: 251251EKM14**



**1. PRODUCT IDENTIFICATION**

- **Product Identification / Trade Name:** Carbon Steel Wire Brushes / Brush code 251251EKM14.
- **Product Use:** Abrasive materials used for metals (shipyards, boilermakers), concrete, masonry and building materials.
- **Manufacturer:** FECIN CEPILLERIA INDUSTRIAL S.L.
- **Adress:** Polígono Industrial Itziar parcela H/7, 20820 DEBA, Gipuzkoa, country SPAIN.
- **Internet:** www.fecin.es
- **Information phone number:** +0034 943 199284
- **Emergency phone number:** +0034 943 199284
- **MSDS preparation date:** October 2020.

**2. HAZARD IDENTIFICATION.**

This product is a metal brush. It's odorless.

**EMERGENCY COMPENDIUM** Dust may cause eye or respiratory irritation. Dust particles or slaps can cause eye damage by abrasion. Chromium can cause skin or respiratory tract sensitization.

**3. COMPOSITION AND COMPOSITION INFORMATION.**

COMPONENT	CAS N°	%
Iron (Fe)	7439-89-6	Rest
Carbon (C)	7440-44-0	0,001 - 1,3
Manganese (Mn)	7439-96-5	0,0 - 2,5
Chromium(Cr)	7440-47-3	0,0 - 1,6
Sulfur (S)	7704-34-9	0,0 - 0,04
Phosphorus (P)	7723-14-0	0,0 - 0,04
Silicon (Si)	7440-21-3	0,15 - 0,35



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#### 4. FIRST AID.

- **Ingestion:** If dust is swallowed, get medical attention.
- **Inhalation:** If there is overexposure to dust, bring the victim to fresh air and get medical attention.
- **Eye contact:** Rinse the eyes with plenty of water, with the eyelids open. Get medical attention if irritation persists. Get immediate medical attention if there are foreign objects in the eyes.
- **Skin contact:** Wash powder from skin with soap and water. Wash contaminated clothing before reuse.

#### 5. FIRE FIGHTING MEASURES.

- **Means for extinction:** Use any suitable means to fight the fire. Special procedures for firefighting: None necessary.
- **Unusual fire and explosion hazards:** This product is not combustible, however, pay attention to fire or potential explosion of the processed material. Many materials create flammable or explosive dust when brushed, machined.
- **Hazardous combustion products:** None known.

#### 6. MEASURES IN CASE OF ACCIDENTAL DISPERSION

Collect, sweep or absorb. Deposit in a container for disposal. Minimize dust generation. Notify local, state, and federal authorities as required by regulations.

#### 7. MANIPULATION AND STORAGE

**Recommended working practices:** Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly when used, especially before eating, drinking or smoking. Consider potential exposure to work object components and their coating when brushing, machining or pickling. Refer to specific OSHA requirements for the substance you are working with, where applicable. In normal brushing operations, the removed material is separated from the brush with considerable force, flying along with brush filaments, which are broken by fatigue. There is the eventuality of severe damage, both to the operator and others in the work area (possibly up to 50 feet or more of the brush). To protect against this risk, before the brush begins to rotate, during rotation and until rotation stops, everyone in the area should wear safety goggles, face mask over safety glasses with side protection, as well as appropriate protective clothing.

**Storage:** Store in a dry place.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Ventilation:** Use local extraction or general ventilation as required to minimize dust exposure, and to keep contaminant concentrations below TLV levels.

**Respiratory protection:** Use NIOSH-approved respirators if exposure limits are exceeded or when dust exposure is excessive. Consider potential exposure to the components of the material being processed and their coating when selecting appropriate respiratory protection. Refer to specific OSHA requirements for lead, cadmium, etc., where appropriate. The selection of respiratory protection depends on the type, shape and concentration of the contaminant. Select and use respirators in accordance with OSHA 1910.134 and good practice of industrial hygiene.

**Gloves:** It is recommended to wear fabric or leather gloves.

**Eye protection:** Safety goggles or face mask on safety glasses with side protection.

**Others:** Wear protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling point:** Not applicable

**Vapour voltage:** (mm Hg) not applicable

**Water Solubility:** Insoluble

**Vapour Density:** (Air 1) Not Applicable

**Specific weight:** Not applicable

**Vaporization ratio:** Not applicable

**Melting point:** Not applicable

**Ignition point:** Non-combustible

**Inflammation limits: LII:** Not applicable **LSI:** Not applicable

**Appearance and smell:** Grey brush. It's odorless.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Incompatibility:** None known.

**Hazardous decomposition products:** Dust produced by abrasion may contain ingredients in the Section 3 list, and other hazardous components of the material under work and its coating, which are pickled.

**Dangerous polymerization:** It will not happen.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH RISK:

**Ingestion:** None are expected under normal conditions of use. Swallowing large pieces can cause blockage of the intestinal tract.

**Inhalation:** Dust may cause respiratory irritation.

**Eyes:** Dust may cause eye irritation. Dust particles or slaps can cause eye abrasion damage.

**Skin:** None are expected under normal conditions of use. Rubbing the brush on the skin may cause mechanical irritation or abrasion. Sensitization: Chromium can cause skin or respiratory tract sensitization.



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**Chronic:** Prolonged overexposure to dust can cause damage to the lungs (fibrosis), with cough symptoms, choppy breathing and decreased breathing capacity. Skin and respiratory tract sensitization may also occur. Chronic effects can be aggravated if smoked. Prolonged exposure to high noise levels during operations can affect hearing. In most cases the greatest danger is due to exposure to dust and vapors from the work object and its coating, which is being pickled or brushed. Most of the dust generated during pickling and brushing comes from the material being processed, and the potential risk to exposure should be assessed.

**Carcinogenesis:** None of the components are as cancerinogen or potential cancerinogen on the OSHA, NTP or IARC lists.

**Medical conditions aggravated by exposure:** Exposure can be risky for employees with pre-existing respiratory diseases.

**Acute toxicity values:** Neither this product nor its components are acute toxics. The only available acute toxicity data are shown below. Iron: LD50 Rat, oral 30 gm/kg Manganese: LD50 Rat, oral 9 gm/kg Silicon: LD50 Rat, oral 3160 mg/kg

### 12. ECOLOGICAL INFORMATION

There is no ecological data available for this product. No risks are expected to the environment of this product. However, the possible environmental effects of the material under work should be taken into account.

### 13. WASTE DISPOSAL

Dispose of in accordance with local, state/provincial and federal regulations. Local regulations could be more stringent than regional and national regulations. It is the responsibility of the person generating the waste, determining the toxicity and physical characteristics of the material, for proper identification and disposal in accordance with applicable regulations.

### 14. TRANSPORT

**DESCRIPTION DOT hazardous materials:**

Appropriate shipping name: Unregulated

UN Number: None

Risk class/Packing group: None

Tags required: None

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## 15. REGULATORY INFORMATION

### Product-specific safety, health and environmental regulations and legislation:

Steel specifications are covered by numerous ISO standards. All steel wires covered by this safety sheet comply with the following standards/legislation:

- Directive 2011/65/EU (RoHS II) on restrictions on the use of certain hazardous substances in electrical and electronic equipment and Directive 2012/19/EU on waste electrical and electronic equipment (WEEE) (recast)
- Regulation 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemical Substances and Preparations (REACH)
- Directive 2000/53/EC on end-of-life vehicles (ELVs)
- Directive 94/62/EC on packaging and packaging waste.
- Directive 2009/48/EC on the Safety of Toys (TSD) ▪ Minerals used in the manufacture of our steel wires do not come from conflict areas as required by the Dodd-Frank Act (Conflict minerals act in the US)

**Chemical safety assessment:** A chemical safety assessment has not been carried out because steel wire is defined as an article under REACH and does not require evaluation, nor is it classified as hazardous under Regulation (EC) No 1272/2008 (CLP) and/or Dangerous Substances Directive 67/548.

## 16. OTHER INFORMATION

The information on this sheet is provided to inform the customer and should be used when necessary. The company Fecin Cepillería Industrial S.L., is not responsible for any damage or loss arising from the use according to the information contained in this document.

**Risk and Safety Phrases under Directive (67/548/EC):** No risk phrases.

**Dangers and caution advice in accordance with Regulation (EC) 1272/2008:** There are no indications of danger.

**Prepared by:** Eneko Salaberria, Fecin Cepillería Industrial S.L.

FECHA  09/11/2020	APROBADO POR:   RESPONSABLE DEPARTAMENTO CALIDAD ENEKO SALABERRIA   Polig. Ind. de ITZIAR, Parcela H / 7 Apdo. 1 • 20820 DEBA • Gipuzkoa (España) Tel.: +34 943 19 92 84 • Fax: +34 943 19 93 17 Página Web: <a href="mailto:info@fecin.es">info@fecin.es</a> <a href="http://www.fecin.es">www.fecin.es</a>
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Dirección: FECIN cepillería industrial, S.L.  
Pol. Ind. Itziar, parcela H7  
20820 Deba SPAIN

Número de Teléfono:  
+34 943 199284

Nº de Fax:  
+34 943 199317

Página Web:  
[www.fecin.es](http://www.fecin.es)