

**SECTION 1 Identification**

1.1 Product identifier

Product name : SOUDOTEC 6045 FC

Type of product : Brazing rods

1.2 Recommended use and restrictions on use

No additional information available

1.3 Supplier

FSH Welding Canada  
 2204, 46e avenue  
 Lachine (Mtl), Québec - Canada H8T 2P3  
 T 514.631.7670 - F 514.636.3339  
<http://www.fsh-welding.ca/>

1.4 Emergency telephone number

Emergency number : 1-800-361-9097

**SECTION 2 Hazard identification**

2.1 Classification of the substance or mixture

Classification (GHS-CA)

Acute toxicity (oral), Category 4

H302

Skin corrosion/irritation, Category 2

H315

Serious eye damage/eye irritation, Category 2

H319

Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

H335

Full text of H statements : see section 16

2.2 GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA)



Signal word (GHS-CA)

: Warning

Hazard statements (GHS-CA)

: H302 - Harmful if swallowed.  
 H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.

Precautionary statements (GHS-CA)

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 - Call a POISON CENTER or doctor if you feel unwell.  
 P321 - Specific treatment (see supplemental first aid instruction on this label)  
 P330 - Rinse mouth.  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other hazards

Other hazards not contributing to the classification

: Hazards during brazing process : Brazing fumes / gases. Fire and explosion hazards. Exposure to electromagnetic field.

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2.4 Unknown acute toxicity (GHS-CA)

No data available

### SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
Silver		(CAS-No.) 7440-22-4	33.75	Not classified
Copper	Copper	(CAS-No.) 7440-50-8	20.25	Acute Tox. 4 (Oral), H302
Potassium metaborate	Classify regarding MSDS of supplier (following (CE) 1272/2008 [CLP])	(CAS-No.) 13709-94-9	20	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Zinc (massive form)		(CAS-No.) 7440-66-6	19.125	Not classified
Potassium Fluoroborate	Classify regarding MSDS of supplier (following (CE) 1272/2008 [CLP])	(CAS-No.) 14075-53-7	5	Eye Irrit. 2, H319
Tin		(CAS-No.) 7440-31-5	1.8	Not classified
Silicon		(CAS-No.) 7440-21-3	0.075	Not classified

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

4.1 Description of first aid measures

- First-aid measures after inhalation : Assure fresh air breathing.
- First-aid measures after skin contact : When symptoms occur: rinse immediately with plenty of water. The melted product adheres to the skin and causes burns. Treat as thermal burns.
- First-aid measures after eye contact : Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Ingestion unlikely.
- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

4.2 Most important symptoms and effects {acute and delayed}

- Symptoms/effects : May be harmful if inhaled.
- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : The melted product adheres to the skin and causes burns.
- Symptoms/effects after eye contact : May cause eye irritation.

4.3 Immediate medical attention and special treatment, if necessary

No additional information available

### SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

- Suitable extinguishing media : No special requirements. Only combustible materials nearby the working area can provoke fire or explosion. As a consequence, extinction measures have to be adapted to the burning materials.

5.2 Unsuitable extinguishing media

No additional information available

5.3 Specific hazards arising from the hazardous product

- Fire hazard : Flux cored wire are not flammable. The risk of fires and explosions are caused a heat source (metal molten, milk, freshly Weldments, etc.) combined with the use of combustible materials (including dust and gas).

5.4 Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- General measures : None.

6.2 Methods and materials for containment and cleaning up

No additional information available

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### 8.2. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Use personal protective equipment as required. Provide good ventilation in process area to prevent formation of vapour. Do not eat, drink or smoke when using this product.

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

Storage conditions : Store in a dry place. Keep container closed when not in use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Copper (7440-50-8)

Canada (Quebec)	VEMP (mg/m³)	1 mg/m³
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#### Tin (7440-31-5)

Canada (Quebec)	VEMP (mg/m³)	2 mg/m³
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#### Potassium Fluoborate (14075-53-7)

Canada (Quebec)	VEMP (mg/m³)	2.5 mg/m³
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### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Insufficient ventilation: wear respiratory protection. Insulated gloves. Safety glasses. Heatproof clothing.

#### Hand protection:

protective gloves

#### Eye protection:

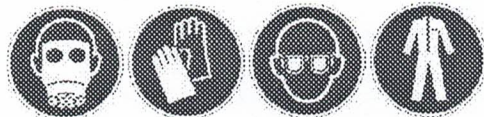
Safety glasses. Face shield

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: No data available
Colour	: Colourless.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: 640 - 680 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available

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Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

### 9.2 Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Hazardous decomposition products : Brazing fumes / gases.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Oral: Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

ATE CA (oral)	1242.2360248447 mg/kg bodyweight
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#### Copper (7440-50-8)

LD50 oral rat	>= 413 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	2.55 mg/l/4h

#### Potassium Fluoborate (14075-53-7)

LD50 oral rat	5854 mg/kg
LD50 dermal rat	240 µl/kg

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
  
Reproductive toxicity : Not classified  
STOT-single exposure : May cause respiratory irritation.  
STOT-repeated exposure : Not classified  
  
Aspiration hazard : Not classified  
  
Symptoms/effects : May be harmful if inhaled.  
Symptoms/effects after inhalation : May cause respiratory irritation.  
Symptoms/effects after skin contact : The melted product adheres to the skin and causes burns.  
Symptoms/effects after eye contact : May cause eye irritation.

## SECTION 12: Ecological information

### 12.1 Toxicity

No additional information available

### 12.2 Persistence and degradability

No additional information available

### 12.3 Bioaccumulative potential

No additional information available

### 12.4 Mobility in soil

No additional information available

### 12.5 Other adverse effects

GWPmix comment : No known effects from this product.

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

Not regulated for transport

#### 14.2. Transport information/DOT

Department of Transport

Not regulated for transport

#### 14.3. Air and sea transport

IMDG

Not regulated for transport

IATA

Not regulated for transport

### SECTION 15: Regulatory information

#### 15.1. National regulations

No additional information available

#### 15.2. International regulations

No additional information available

### SECTION 16: Other information

Date of issue : 08/01/2018

Revision date : 08/01/2018

Full text of H-statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

SDS Canada (GHS)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

