

# SAFETY DATA SHEET

Part Number: 42-049-002, -003, -005

## ARCAIR SLICE EXOTHERMIC CUTTING ROD, FLUX COATED



### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

**Trade name** ARCAIR SLICE EXOTHERMIC CUTTING ROD, FLUX COATED

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

Not applicable

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

**Supplier** ARCAIR

**Street address** 2800 Airport Road  
76207 Denton

**Telephone** 940-381-1323

#### 1.4 Emergency telephone number

**Emergency phone number** 940-566-2000

**Available outside office hours** Yes

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The product is not classified

#### 2.2 Label elements

The product do not require labeling

#### 2.3 Other hazards

Not applicable

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical name	CAS No. EC No.	Concentration	Classification	R-phrase H-phrase
Steel	- -	<85%	- -	- -

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Flux Coating	- -	<15%	- -	- -
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### Substance additional information

Mild Steel includes: 0.15% of Nickel: CAS # 7440-02-0

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

No first aid measures should be required for the unused electrodes.

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

Not applicable

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

Not applicable

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Not applicable

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

Not applicable

### 5.3 Advice for firefighters

Not applicable

### Other

### Additional information in case of fire

Not combustible.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Not applicable

### 6.2 Environmental precautions

Not applicable

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

Not applicable

### 6.4 Reference to other sections

Not applicable

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Preventive handling precautions

No special technical protective measures required.

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

Keep in a dry place.

### 7.3 Specific end use(s)

Not applicable

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limits

OSHA PEL (mg/m<sup>3</sup>): Nickel = 1, ACGIH TLV (mg/m<sup>3</sup>): Nickel = 1

### 8.2 Exposure controls

Not applicable

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Appearance

Blue Flux coated, rolled steel tube

#### Appearance, colour

Not applicable

#### Appearance, physical state

Not applicable

#### Auto-ignition temperature

Not applicable

#### Decomposition temperature

Not applicable

#### Evaporation rate

Not applicable

#### Explosive properties

Not applicable

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<b>Flammability (solid, gas)</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Melting point / freezing point</b>	Not applicable
<b>Odour</b>	Not applicable
<b>Odour treshold</b>	Not applicable
<b>Oxidising properties</b>	Not applicable
<b>Partition coefficient: n-octanol / water</b>	Not applicable
<b>pH value</b>	Not applicable
<b>Physical state</b>	Solid
<b>Relative density</b>	Not applicable
<b>Solubility</b>	Insoluble
<b>Upper / lower flammability or explosive limits</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Vapour pressure</b>	Not applicable
<b>Viscosity</b>	Not applicable

### 9.2 Other information

Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No hazards to be especially mentioned.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Not applicable

### 10.4 Conditions to avoid

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Not applicable

### 10.5 Incompatible materials

Not applicable

### 10.6 Hazardous decomposition products

Not applicable

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

California Prop. 65

**Acute toxicity** Not applicable

**Irritation** Not applicable

**Corrosive effects** Not applicable

**Sensitisation** Not applicable

**Mutagenicity** Not applicable

**Carcinogenicity** WARNING! This product contains a chemical known in the State of California to cause cancer.  
California Prop. 65

**Repeated dose toxicity** Not applicable

**Reproductive toxicity** Not applicable

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Aquatic** not water endangering

### 12.2 Persistence and degradability

Not applicable

### 12.3 Bioaccumulative potential

Not applicable

### 12.4 Mobility in soil

Not applicable

### 12.5 Results of PBT and vPvB assessment

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Not applicable

### 12.6 Other adverse effects

Not applicable

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Disposal considerations** Can be landfilled, when in compliance with local regulations.

## SECTION 14. TRANSPORT INFORMATION

### 14.1 UN number

Not applicable

### 14.2 UN proper shipping name

Not applicable

### 14.3 Transport hazard class(es)

Not applicable

### 14.4 Packing group

Not applicable

### 14.5 Environmental hazards

Not applicable

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

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

**National regulations** EPCRA/SARA Title III 313 Toxic Chemicals

### 15.2 Chemical safety assessment

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Not applicable

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### SECTION 16. OTHER INFORMATION

*Other*

**Additional information**

For further information, please also consult our Internet site Information derived from practical experience. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.