

SAFETY DATA SHEET

Part Number: 43-049-002, -003, -005, -007, -008, -009

ARCAIR SLICE EXOTHERMIC CUTTING ROD, UNCOATED



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

1.1 Product identifier

Trade name ARCAIR SLICE EXOTHERMIC CUTTING ROD, UNCOATED

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
Mild Steel	- -	<99%	- -	- -

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Nickel	7440-02-0 231-111-4	<0,15%	Canc3, T -	R40, R43, R48/23 H317, H351, H372
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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

No first aid required for the unused electrodes

Skin contact Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

Eye contact Flush eyes with water as a precaution.

Ingestion DO NOT induce vomiting unless directed to do so by a physician or poison control center.

4.2 Most important symptoms and effects, both acute and delayed

Get medical attention/advice if you feel unwell.

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

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Not applicable

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/m³): Nickel = 1, ACGIH TLV (mg/m³): Nickel = 1

8.2 Exposure controls

Not applicable

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

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

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Explosive properties Not applicable

Flammability (solid, gas) Not applicable

Flash point Not applicable

Initial boiling point and boiling range Not applicable

Melting point / freezing point Not applicable

Odour Not applicable

Odour treshold Not applicable

Oxidising properties Not applicable

Partition coefficient: n-octanol / water Not applicable

pH value Not applicable

Physical state Solid

Relative density Not applicable

Solubility Insoluble

Upper / lower flammability or explosive limits Not applicable

Vapour density Not applicable

Vapour pressure Not applicable

Viscosity 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

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10.4 Conditions to avoid

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

Acute toxicity Not applicable

Irritation Not applicable

Corrosive effects Not applicable

Sensitisation Not applicable

Mutagenicity Not applicable

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

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

SECTION 16. OTHER INFORMATION

Phrase meaning

Canc3 - Cancer, Category 3

T - Toxic

R40 - Limited evidence of a carcinogenic effect.

R43 - May cause sensitization by skin contact.

R48/23 - Toxic: danger of serious damage to health by prolonged exposure through inhalation.

H317 - May cause an allergic skin reaction.

H351 - Suspected of causing cancer.

H372 - Causes damage to organs through prolonged or repeated exposure cause the hazard>.

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.