

SAFETY DATA SHEET

DC GOUGING ELECTRODES WITHOUT COPPERCOATING

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

1.1 Product Identifier

Trade Name: DC GOUGING ELECTRODES WITHOUT COPPERCOATING

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

WELDING MATERIAL SALES

1340 REED ROAD

GENEVA, IL 60134

888-905-6737

1.4 Emergency telephone number (24 hours)

800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified

2.2 Label elements

The product does 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
Graphite	7782-42-5 -	85-93% -	- -	- -
Carbon black	1333-86-4 -	<15%	- -	- -

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 treatments needed

Not applicable

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: dry powder carbon dioxide (CO₂) Water

5.2 Special hazards arising from the substance or mixture

Not applicable

5.3 Advice for firefighters

Not applicable

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

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): Carbon black = 3.5 ACGIH TLV (mg/m³): Carbon Black = 3.5, Graphite, Synthetic = 2, Graphite, Natural = 2

National occupational exposure limits

CAS No.	EC No.	Exposure Limit Values ppm	Exposure Limit Values mg/m ³	Short term exposure limit ppm	Short term exposure limit mg/m ³	Ceiling limit pp/	Ceiling limit ppm/m ³	Country
7782-42-5	-	-	4	-	-	-	-	BA
1333-86-4	-	-	3,5	-	7	-	-	BA

8.2 Exposure controls

Not applicable

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Black carbon rod
Appearance, Color	Black
Appearance, physical state	Not applicable
Auto-ignition temperature	Not applicable
Boiling point	°C
Decomposition temperature	Not applicable
Evaporation rate	Not applicable
Explosive properties	Not applicable
Flammability (solid, gas)	Not applicable
Flash point	Not applicable
Initial boiling point/range	Not applicable
Melting point	° C
Melting point/freezing point	Not applicable
Odor	Odorless
Odor threshold	Not applicable
Oxidizing properties	Not applicable
Partition coefficient: (n-octanol/water)	Not applicable
pH value	Not applicable
Physical state	Solid
Relative density	Carbon 1.7g/cm ³
Solubility	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapor density	Not applicable
Vapor pressure	Not applicable
Viscosity	Not applicable
9.2 Other information	Not applicable

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

When in contact with an acid chemical substance, can produce harmful gases.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Not applicable

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

Sensitization

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

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

Not applicable

15.2 Chemical safety assessment

Not applicable

SECTION 16. OTHER INFORMATION

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