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<h2>BRAZING ALLOY D 40A</h2>		1020044

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : BRAZING ALLOY D 40A
Recommended uses : High silver content brazing - without cadmium (food-standard)
SUPPLIER :
Name : DEHON SERVICE
Address : 26, Avenue du Petit Parc
94683 VINCENNES Cedex
Telephone number : 01 43 98 75 00
Telefax number : 01 43 98 21 51
* **e-mail :** ContactFDS@dehon.com
Department to contact : Department Material Safety Data Sheets - TEL : +33(0)1 49 83 53 00
EMERGENCY TELEPHONE NUMBER : EMERGENCY TELEPHONE NUMBER (24h/24) : +44 (0)208 762 8323
Anti-poison Center :INRS/ORFILA (France) : +33 (0) 1 45 42 59 59

2 HAZARDS IDENTIFICATION



MOST IMPORTANT HAZARDS :
Adverse human health effects : To our knowledge, the product does not present any particular risk, under normal conditions of use
Risk of thermal burns on contact with molten product
At high temperature, emission of metal and oxide vapours which may present risks to health
Possible irritation of mucous membranes and digestive tract, nausea, vomiting
Environmental effects : Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.
Physical and chemical hazards :
- Fire or explosion : Not classified as flammable by EC criteria but may present a hazard in the event of a fire
Metallic dusts may ignite or explode
Classification of the product : This product is not classified as a "hazardous preparation" according to European Community regulations

3 COMPOSITION / INFORMATION ON INGREDIENTS

PREPARATION :
Chemical nature : Alloy consisting principally of:
AG, CU, ZN

4 FIRST AID MEASURES

Inhalation : In the event of exposure to high concentrations of dust or vapour:
Move the affected person away from the contaminated area and into the fresh air
Place under medical observation
The inhalation of emissions containing a high concentration of metallic oxides may cause, during the following 12 hours, transient febrile states
Skin contact : Not specifically applicable
Eye contact : In the event of contact with powders and/or vapours:
Immediately rinse with water for a prolonged period while holding the eyelids wide open
If irritation persists, consult an eye specialist
Ingestion : Not specifically applicable

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5 FIRE-FIGHTING MEASURES

Suitable extinguishing media :	Only use : Specific powders Cement
Unsuitable extinguishing media :	Water Carbon dioxide (CO ₂) Foam
Specific hazards :	On heating : Toxic vapours may be released Metallic dusts may ignite or explode
Protection of fire-fighters :	Self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Personal precautions :	Avoid contact with skin. - appropriate gloves
Environmental precautions :	Do not discharge into drains
Clean up methods :	
- Recovery :	Recover mechanically the product Keep the recovered product for subsequent recycling.

7 HANDLING AND STORAGE

Technical measures :	During brazing operations : Fumes extraction at source
Precautions :	Work in a well-ventilated area
STORAGE	
Storage conditions :	
- Recommended :	Keep : - away from incompatible materials.
Incompatible products :	Mineral acids Strong oxidizing agents

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures :	Extraction to remove vapours at their source.
Occupational Exposure Limits :	
- France :	Silver : VME = 0,1 mg/m ³ Copper (dusts), as Cu : VLE = 2 mg/m ³ - VME = 1 mg/m ³
- USA (ACGIH) :	Copper (dusts and mists), as Cu : TLV (TWA) = 1 mg/m ³ Silver : TLV (TWA) = 0,1 mg/m ³
Personal protection :	
- Hand protection :	Insulating protective gloves
- Eye protection :	Safety goggles



9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Solid
Odour :	none
pH value :	Not applicable
Melting point :	630 - 770 °C (according to composition)

DEHON SERVICE

26 Avenue du Petit Parc 94683 VINCENNES Cedex France

In case of emergency : +44 (0)208 762 8323

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9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Flammability characteristics :	
Flash point :	Not applicable
Auto-ignition temperature :	Not applicable
Oxidizing properties :	Non oxidizing material according to EC criteria
Vapour pressure :	Not determined
Density :	8.5 -9.5 g/cm ³ at 20 °C (according to composition)
Solubility :	
-in water :	Insoluble

10 STABILITY AND REACTIVITY

Stability :	Stable under normal conditions of use Very slow oxidation to air
Hazardous reactions :	
Materials to avoid :	On contact with acid, releases : - hydrogen
Hazardous decomposition products :	At high temperatures may form : Métalllic oxides

11 TOXICOLOGICAL INFORMATION

Acute toxicity :	Not specifically applicable to the product (as is).
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12 ECOLOGICAL INFORMATION



No data :	No data available Do not allow the product, as is, to spread into the environment
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13 DISPOSAL CONSIDERATIONS

WASTE FROM PRODUCT :	
Destruction/Disposal :	Recycle the material as far as possible. Dispose of in accordance with relevant local regulations
NOTE :	The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal

14 TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS :	
RID/ADR/IMDG/IATA :	Not regulated
NOTE :	The above regulatory prescriptions are those valid on the date of publication of this sheet However, given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency

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15 REGULATORY INFORMATION

EC Labelling : R Phrase(s) : S Phrase(s) : NOTE :	No R phrase No S phrase The regulatory information given in this part only indicate the principal regulations specifically applicable to the product described in the Safety Data Sheet. The cited basic Community texts are being updated and transcribed in national law. Refer to all applicable national, international and local regulations or provisions. The user's attention is drawn to the possible existence of additional provisions which complete these regulations.
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16 OTHER INFORMATION

* Further information: * Update :	Product for industrial use only For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region This safety data sheet has been written in conformity with the annex II of the regulation (EC) 1907/2006 (REACH). Modifications are indicated by an asterisk (*)
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This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith.
Besides, the attention of the user is drawn to the possible risks incurred by using the product for any other use than that for which it was intended.
In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product.
The aim of all the mandatory regulations mentionned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

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