

Safety data sheet

1. Product and company identification

Product Name: **Scanalloy 70 Duett 2** (safety data sheet 2(2))
Synonyms: Metal powder (alloy) as tablets
Application: Metal powder (alloy) to produce amalgam for dental fillings. Tablets according to this safety data sheet part 2 is packed together with mercury sachets according to part 1 in a kit (Duett).
Supplier: **Nordiska Dental AB**
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S-251 09 Helsingborg
Sweden
Issued by: Sylva Lindskog
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Drawn up: 95-03-27 Revision date:

2. Composition/information on ingredients

Components Include and Risk Phrases	Cas-No	EG-No	Content (%)	Label	Symbol	TLV
Health and Environmental Hazardous						
Other						
Silver (Ag)	7440-22-4		69,3			
Tin (Sn)	7440-31-5		19,4			
Copper (Cu)	7440-50-8		10,9			
Zinc (Zn)	7440-66-6		0,4			

3. Hazards identification

Generally:
Inhalation:
Skin contact:
Eye contact:
Ingestion:

4. First-aid measures

Generally:
Inhalation:
Skin contact:
Eye contact:
Ingestion:

5. Fire-fighting measures

Specific Fire Hazards: No fire or explosion hazards.
Specific methods:
Extinguishing media: All extinguishing media.
Extinguishing media not usable:

6. Accidental release measures

Personal precautions:
Environmental precautions:
Methods for cleaning up: Collect spillage for disposal.

7. Handling and storage

Storage:
Handling:

8. Exposure controls/personal protection

Engineering measures:
Personal protective equipment:

9. Physical and chemical properties

Physical state, form and colour: Fine silver-gray metal powder as tablets.
Odour:
pH:
Melting point/range (°C):
Decomposition temperature (°C):
Explosion properties:
Density (20 °C, kg/m³): 3 300
Solubility in water: Insoluble
Solubility in organic solvents: Insoluble
Specific properties:
Boiling point/range (°C):
Flashpoint (°C):
Autoignition temperature (°C):
Explosion limits:
Vapour density (air=1):
Vapour pressure (20 °C, kPa)
Octanol/water partition coefficient:

10. Stability and reactivity

Stability:
Decomposition products:
Specific properties: Metal powder (alloy) reacts with mercury under formation of amalgam.

11. Toxicological information

Acute Toxicity:
Local effects:
Sensitization:
Chronic Toxicity:
Specific effects:

12. Ecological information

Mobility:
Persistence/Degradability:
Bioaccumulation:
Ecotoxicity

13. Disposal considerations

Waste from residues: Do not empty into drains.
Contaminated packaging: This material and/or its container must be disposed of as hazardous waste.

14. Transport information

UN No Pack Group:

RID/RID-S, ADR/ADR-S (land)	Class:			
IMDG (sea)	Class:	Page:	EmS No:	MFAG No:
Marine pollutant				
IATA (air)	Class:			
Note:				

15. Regulatory information

Label for supply:	None
Symbol:	
Risk Phrases:	None
Safety Phrases:	
Note:	Complies with ISO 1559. Approved by NIOM, BSI, ADA and BfArM.

16. Other information

Literature references:

All information is related to the product as supplied and is provided on the understanding that it will be used in the way and for purposes as indicated and that user has taken all necessary precautions. Information contained in the publication is true and accurate to the best of our knowledge.