

Material Safety Data Sheet

For welding consumables and related products
Conforms to Workplace Hazardous Materials Information
System (WHIMS) Rev. Nov. 1988
May be used to comply with Osha's Hazard Communication
Standard, 29 CFR 1910.1200. Standard must be consulted for
specific requirements.
Maybe used to comply with **Council Directive 2006/121/EC**
relating to the classification, packaging and labelling of
dangerous substances.
Blank spaces are not permitted. If any item is not applicable, or
no information is available, the space must be marked to
indicate that.

1. Product and Company Identification**1.1 Product information.****Product type:**

solid wire, high alloyed

Product name:**LAWI 32****1.2 Supplier:**

LAWITEX GmbH

Hitdorfer Str. 10 c

40764 Langenfeld

2. Composition/Information on Ingredients

Mixture	weights- %	CAS #	EINECS #	risky category
iron	> 80	7439-89-6	231-096-4	not listed
Mangan	<1	7439-96-5	231-105-1	not listed
Silicium	2-5	7440-21-3	231-130-8	not listed
Chromium	5-10	7440-47-3	231-157-5	not listed

Description:

This product contains of ≥ 1 Gew.
-% Nickel and < 1 Gew.-% Cobalt.

Risky ingredients:

no risky ingredients

CAS-Nr.

not listed

Type of Ingredient:

not listed

Ingredient [Gew.-%]:

not listed

Danger icon

not listed

Risk category:

not listed

3. Hazards Identification

Different kinds of fume and dust
occur during the welding and grinding
process. Nickel oxides might occur, which
are classified as carcinogenic. In addition
irritant substances such as fluorides and
manganese oxides as well as fine dusts
(mostly iron oxides) occur.

4. Emergency and first aid procedures

Remove from dust of fume exposure. If breathing has stopped perform artificial respiration. Summon
medical aid immediately.

Inhalation:

If breathing is difficult, provide fresh air
and call physician.

Skin contact:

For skin burns from arc radiation, see
physician. Affected skin has to be washed
carefully with soap.

Eye contact:

For radiation burns due to arc flash, see
physician. Under flowing water wash out
the wide opened eyelid

After swallow:

not listed

5. Fire fighting measures

not usable, the product is neither
flammable nor explosive

possible fire extinguishing:

not usable

6. Accidental release measures**Release**

not usable

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7. Handling and Storage**7.1 Handling**

Advise of precaution measures:

UVV (VBG 15) has to be followed

7.2 Storage

Standards for stockrooms/container:

special standards for stockrooms/container
do not exist**8. Exposure Controls/Personal Protection****8.1 additional advises****for technical machines**

The measures under point

7.1 has to be taken into consideration

**8.2 Components with working place related limit
Values which must be supervised****Identification of Substance****CAS-No.****ACGIH TLV mg/m³** (American
Conference of Governmental Industrial Hygienists)

No risky ingredients

not listed

iron

7439-89-6

5

Mangan

7439-96-5

0,2

Silizium

7440-21-3

-

Chromium

7440-47-3

0,5

8.3 Personal safety equipment

Respiratory, hand, eye,

Safety and hygienic protection

follow UVV (VBG 15) §27

in the workroom drinking or eating is not
allowed to**9. Physical and Chemical Properties**

manifestation:

solid wire, high alloyed

safety relevant data:

not applicable

10. Stability and Reactivity

avoid contact with acids and bases

Product is stable until 1000°C.

11. Toxicological Information

follow point 3

12. Ecological Information:

Welding consumables and
 materials could degrade/weather into
 components originating from the consumables
 or from the materials used in the welding
 process. Avoid exposure to conditions that
 could lead to accumulation in soils or
 groundwater.

13. Disposal Considerations**Waste Disposal Method:**

Prevent waste from contaminating the
 surrounding environment. Discard any
 product, residue, disposable, container or
 liner in an environmentally acceptable
 manner, in full compliance with federal,
 state and local regulations.

14. Transport Information

No international regulations or restrictions
 are applicable

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15. Regulatory Information

15.1	registration mark	not listed
	registration letter	not listed
	Danger icon	not listed
	Risk category	not listed
	Security category	not listed

15.2 National regulations

Advice of working restrictions	not usable
Malfunction V:	not usable
classification about VbF:	not usable
technical instructions AIR:	5 mg/m ³ , bei einem Massenstrom > 25 g/h
Danger grade of water:	not expected
Other regulations:	not announced

16. Other information

literature:
Unfallverhütungsvorschriften
(VBG 15) Schweißen Schneiden
und verwandte Verfahren
DVS-Merkblatt 1201: Absaugung
an Schweißarbeitsplätzen
DVS-Faltblätter zum Arbeitsschutz
beim Schweißen
DVS-Fachbuch Unterweisung von
Schweißern im Arbeitsschutz
Kraume, Zober: Arbeitssicherheit
und Gesundheitsschutz in der
Schweißtechnik