

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 25****1.2 Supplier:**LAWITEX GmbH  
Hitdorfer Str. 10 c  
40764 Langenfeld**2. Composition/Information on Ingredients**

Description:

This product contains of < 1 weight  
-% Nickel

Risky ingredients:

This product contains no risky  
Ingredients

CAS-Nr.

7440-47-3 7439-89-6

Type of Ingredient:

Cr Fe

Ingredient [weight-%]:

10-30% 50-100%

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

**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

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**8. Exposure Controls/Personal Protection****8.1 additional advises**

The measures under point

**for technical machines**

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.****limit value**

chrome

7440-47-3

10-30%

iron

7439-89-6

50-100%

molybdenum

7439-98-7

2,5-10%

manganese oxide (Mn3O4)

1317-35-7

1,0 mg/m<sup>3</sup> (TRK) total weight

fluorides

-

6,0 mg/m<sup>3</sup> (TRK) total weight

ozone

10028-15-6

0,2 mg/m<sup>3</sup> (TRK) total weight**8.3 Personal safety equipment**Respiratory, hand, eye,  
Safety and hygienic protectionfollow 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 1200C.**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

**15. Regulatory Information**15.1 registration mark  
registration letter  
Danger icon  
Risk category  
Security category**not listed**  
not listed  
not listed  
not listed  
not listed

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**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 <sup>3</sup> , by a mass power > 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