

# Safety data sheet

ISO 11014-1 / 91/155/EEC



Print: 07-02-10

Doc.No. sds-4822 rev.01

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Product name(s): FX 725 **P2007**  
P 2000  
P 2000S  
P 7000

## 1. PRODUCT AND COMPANY DESIGNATION

Product Type Welding fluxes  
Supplier Lincoln Smitweld B.V.  
Address P.O. Box 253  
NL-6500 AG Nijmegen  
The Netherlands  
Telephone +31.243.522.911  
Telefax +31.243.522.456

## 2. DETAILS OF COMPOSITION

*Type: Preparation or substance*

Dangerous ingredients (if applicable):

Name	Concentration	CAS-no.
MgO	< 30	1309-48-4
Al <sub>2</sub> O <sub>3</sub>	< 45	1344-28-1
SiO <sub>2</sub>	< 40	14808-60-7
CaO	< 20	1317-65-3
TiO <sub>2</sub>	< 1	13463-67-7
MnO <sub>x</sub>	< 1	7439-96-5
FeO <sub>x</sub>	< 1	---
ZrO <sub>2</sub>	< 2	12004-83-0
CaF <sub>2</sub>	< 60	7789-75-5

## 3. POTENTIAL RISKS

Classification

During welding fumes will be formed. The content is depending on the flux type and the base material. Primarily iron oxide; secondarily complex oxides of manganese may be formed. Also ozone and nitrogen dioxide can be formed by arc radiation.

## 4. FIRST AID MEASURES

If inhaled Not applicable (During welding fume can be inhaled: bring patient in fresh air; breath in fresh air deeply. Contact physician if necessary).

If skin contact occurs Not applicable.

If it comes into contact with eyes Not applicable.

If swallowed Not applicable (During welding: see if inhaled).

Remarks



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## Further information

### Physical state

Form Flux.  
Colour  
Odour None.

### Other information

pH value Not applicable.  
Melting point 1000 - 1500°C.  
Ignition point Not applicable.  
Explosion limits Non-explosive.  
Density -  
Solubility in water Insoluble.

## 10. STABILITY AND REACTIVITY

Avoid contact with Strong acid and base solutions.  
Dangerous residual products Not known for unused product; see also item 8.

## 11. DATA REGARDING TOXICITY

Acute	Component	Method	Value
-	-	-	-
Sensitisation		Not known.	
Chronical		Not known.	

See also item 3.

## 12. ECOLOGICAL DATA

No harmful effects of this product on the environment are known.

## 13. DISPOSAL DATA

Product Contact government for regulations.  
Packaging Contact government for regulations.

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## 14. TRANSPORT INFORMATION

ADR/RID	No dangerous substance.
ADN/ADNR	No dangerous substance.
IMDG	No dangerous product.
ICAO/IATA-DGR	No dangerous substance.

## 15. REGULATIONS

Protect yourself and others. Take precautions when welding. Follow your employers' safety practice, which should be based on manufacturers hazard data available to your employer. Fumes and gases can be dangerous to your health. Arc rays can injure eyes and burn skin. Electric shock can kill. Read and understand the manufacturers instructions and your employer's safety practices. Keep your head out of the fumes. Use enough ventilation, exhaust at the arc, or both, to keep fumes and gases from your breathing zone, and the general area. Wear correct eye, ear and body protection. Do not touch live electrical parts. U.K.: see WMA No.236 and 237 and HSE Guidance Note EH 40. U.S.A.: See American Standard Z 49.1 "Safety in Welding and Cutting", published by the American Welding Society, 550 Le Jeune Rd, Miami, Florida 33126-5699; OSHA Safety and Health Standards, 29 CFR 1910, available from U.S. Government printing office, Washington D.C. 20402-0001.

## 16. OTHER INFORMATION

All national/local prescriptions remain applicable. The data given in this sheet relate to the unused product, unless specified otherwise. During usage dangerous products can be formed (welding fume, radiation, etc.).

Above-mentioned values are no guarantee for product properties. They are based on current knowledge.

Change(s) in respect to the previous revision are indicated in **red**.

**This Safety Data Sheet is prepared for data base purposes and is valid without signature.**