

NEUMAN ALUMINIUM STRANGPRESSWERK GmbH

Date of Edition- status : 7.06.2005 / 01

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Stored under: Sicherheitsdatenblatt-e.doc

Examined and released:

Document: MATERIAL SAFETY DATA SHEET - AL PROFILE

Compiled: A. Tiefenbacher

Distribution: QS, TB

1. Material

1.1 Details to product

1.1.1 Trade name: Extrusion profiles made of Aluminium alloy 6XXX

1.2 Details to Manufacturer / Supplier

1.2.1 Manufacturer / Supplier: NEUMAN ALUMINIUM STRANGPRESSWERK GmbH

Address: Werkstraße 1

Postal code / location: A-3182 Marktl

Phone: +43 2762 / 500-0

1.2.2 Informations: Sales Dept. / Mr. Spilka Tel.: 02762 / 500-444

Fax.: 02762 / 500-470

1.2.3 Information on emergencies: 02762 / 500-0

2. Configuration / Details to properties

2.1 Chemical trait

Description: Aluminium alloy

Substance of content

CAS: 7429-90-5 Aluminium F; R 15 -17 EINECS: 231-072-3

CAS: 7440-21-3 Silicon EINECS: 231-130-8

CAS: 7439-96-5 Manganese Xn; R 48 EINECS: 231-105-1

CAS: 7439-89-6 Iron EINECS: 231-096-4

CAS: 7440-47-3 Chromium EINECS: 231-157-5

CAS: 7440-66-6 Zinc F; R 15 - 17 EINECS: 231-175-9

CAS: 7440-32-6 Titanium F; R 15 - 17 EINECS: 231-142-3

CAS: 7440-50-8 Copper EINECS: 231-159-6

2.2 Configuration: EN 573-3

2.3 Additional advice:

2.4 International alloy index: 6005A, 6060, 6063, 6082

2.5 Additional advice: The product is not subject of Substance Ordinance for hazardous content

3. Possible risks

3.1 Special warning for people and environment : Possible cut injuries when handling

4. Emergency and first-aid-protection

4.1 General advice:
(based on arising dust and steam during further processing;
the influence of used supplies can not be assessed)

4.2 After inhale: Fresh air supply, if ache take medical advice .

4.3 After contact with skin: In general product does not irritate skin.

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- | | | |
|-----|--------------------|---|
| 4.4 | After eye contact: | Immediately flush eyes with water for a few minutes, if ache take medical advice. |
| 4.5 | After swallow up: | If ache take medical advice. |
| 4.6 | Medical advice: | Not relevant |

5. Fire-Protection

- | | | |
|-----|---|---------------------|
| 5.1 | capable extinguishing agent | Not relevant |
| 5.2 | Not suitable as collateral extinguishing agent: | Not relevant |
| 5.3 | Particular imperilment by this material, it's combustion products or arising gas: | Not relevant |
| 5.4 | Special protection equipment for fire-fighting | Not relevant |

6. Steps for accidental release

- | | | |
|-----|-----------------------------|--|
| 6.1 | Personal safety measures: | Not required |
| 6.2 | Environmental protection: | No special measures required |
| 6.3 | Cleaning method / Carrying: | Mechanical carrying |
| 6.4 | Additional advice: | There do no dangerous substances release |

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7. Handling and storage

- 7.1 Handling** If dust or smoke arises during proceeding, filter suction and/or personal protection equipment has to be provided, see no. 8
- 7.1.1 Advices for fire- and explosion protection:** No special measures needed.
- 7.2 Storage** Protect against moisture and wetness (due to corrosion imperilment)
- 7.2.1 Advices for together storage:** **Not relevant**
- 7.2.2 Further declaration for storage:** **Not relevant**
- 7.2.3 Storage class:** **Not relevant**

8. Exposition limit and personal protection equipment

- 8.1 Further additional advices for configuration of technical facility:** If dust or smoke arises filter suction is recommended.
- 8.2 Components with supervising limits based to place of work:**
7429-90-5 Aluminium (50 - 100 %) MAK: 6 mg / m³
7439-96-5 Manganese MAK: 5 mg / m³
- 8.3 Personal protection equipment:**
- 8.3.1 General protection- and hygienical measures:** Not relevant
- 8.3.2 Air protection:** Not relevant
- 8.3.3 Hand protection:** Working gloves are recommended
- 8.3.4 Eye protection:** Not relevant
- 8.3.5 Body protection:** Not relevant

9. Physical and chemical properties

- 9.1 Appearance** **Not relevant**
- 9.1.1 Shape:** firm
- 9.1.2 Colour:** silver-gray
- 9.1.3 Smell:** No peculiar smell
- 9.2 Protection relevant data:** **Not relevant**
- 9.2.1 Melting point/ Melting area:** 646 - 657°C
- 9.2.2 Boiling point:** **Not relevant**
- 9.2.3 Flashpoint:** **Not relevant**
- 9.2.4 Flammable:** **Not relevant**
- 9.2.5 Explosion imperilment:** **Not relevant**
- 9.2.6 Vapour pressure:** **Not relevant**
- 9.2.7 Density:** At 20°C 2,70 g/cm³
- 9.3 Further details:**
- 9.3.1 ability to be dissolved in water:** at 20°C to neglect

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10. Firmness and Reactivity

10.1 Conditions to avoid: **Not relevant**

10.2 Substances to avoid: **Not relevant**

10.3 Dangerous decomposing products: **Not relevant**

11. Informations to Toxicity

11.1 Acute Toxicity: **Not relevant**

11.2 Specific trials with animals: **Not relevant**

11.3 Primary irritation on skin: **Not relevant**

11.4 Primary irritation on eye: **Not relevant**

11.5 Allergization: **Not relevant**

11.6 Additional toxicological advices: At appropriate and scheduled handling product causes in our experience and after existing informations no detrimental to health. Material does not be designated due to EG-Lists in last valid version.

12. Informations to Ecology

12.1 General advices:

12.1.1 Water class of hazard: 0 (selfrated): Generally not dangerous for water. Introducing into water of high Aluminiumconcentration is not allowed.

13. Information for disposal

13.1 Product (Recommendation): Residue accumulate and send back to producer or to dealers of wasted metal. NOT into domestic waste.

13.2 Dirty packaging material (Recommendation): Waste disposal according to authority regulation.

14. Information for Transport

14.1 General advices: No hazardous material in sense of transport regulations.

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15. Regulations

- 15.1** Designation after EG-Regulations: The material is not in duty of designation due to EG-Lists or other known literature. Precautionary measures as with chemicals have to be observed.
- 15.2** National Regulations:
- 15.3** Technical advices with air: Point 3.1.4 - powdery inorganic material - og TA-air has to be considered.
- 15.4** Water classes of hazard: Water class of hazard 0 (selfrated): in general not dangerous for water.

16. Other Informations:

The informations made in this data sheet are to the best of our knowledge and updated to actual cognition.

They do not ensure compliance with certain properties in terms of justice.

Department:

Contact person:

Hr. Spilka

Tel.: 02762 / 500-444