



nuh yapı ürünleri a.ş.



MATERIAL SAFETY DATA SHEET

ALUMINIUM PASTE

25/05/2016 Rev 01

1. PRODUCT AND COMPANY IDENTIFICATION

Name of goods: **ALUMINIUM PASTE NUH NH 45/ NH 50/ NH 60**
Description ;Flake Aluminium Powder, made into paste with water

Supplier: **NUH YAPI ÜRÜNLERİ A.Ş.**
Hacı Akif Mah. Nuh Çimento Cad. No:28
41800 Hereke-Körfez/KOCAELİ
Tel: 0262 310 50 00 0262 310 50 01
Fax. 0262 511 51 82

2 .COMPOSITION/INFORMATION ON INGREDIENTS

	Content (% by weight)	CAS No	EINECS
Flaky Aluminium (stabilize)	% 70-75	7429-90-5	231-072-3 H228 Flammable solid
Water	% 25-30		

3. HAZARDS IDENTIFICATION

Classification according to Regulation (EU) 1272/2008



H302 Harmful if swallowed.

P264 Wash skin thoroughly after handling

P280 Wear eye protection / face protection.

4. FIRST AID MEASURES

- After inhalation Supply fresh air; consult doctor in case of symptoms.
- After skin contact The product is not skin irritating.
- After eye contact ;Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- After swallowing Seek medical treatment.
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5. FIRE FIGHTING MEASURES

5.1 Suitable

Gently smother burning material with DRY sand or other inert substance. Class D –Dry powder extinguishers with spin applicators for smother effect application may be used carefully.

If possible isolate burning material.

5.2 Unsuitable

Do not use water.

Do not disturb burning material to cause a dust cloud.

Do not use halogenated extinguishing based media.

5.3 Protection of Fire Fighters

No special requirements.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Not required.

6.2 Environmental precautions: Do not allow product to reach sewage system or water bodies.

6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

6.4 Reference to other sections No dangerous materials are released.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not seal containers gas-tight. Keep away from heat and direct sunlight.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage Requirements to be met by storerooms and containers: No special requirements.

Information about storage in one common storage facility: Not required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Respiratory Protection

A suitable face mask is recommended if regular exposure is unavoidable.

8.2 Eye Protection

Not normally required. Irritation may occur as with any dust entering the eye- wash out immediately if it occurs.

8.3 Skin Contact No hazard present. No specific protection required.

Skin protection: Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical State - Solid

9.2 Form - Aluminium paste

9.3 Colour - Silver

9.1 Melting Temperature - 660°C (Al)

9.2 Boiling Temperature - 2467°C (Al) ; 100 °C water

9.3 Danger of explosion; Product is not explosive

9.4 Self-inflammability; Product is not selfigniting.

9.5 Flash point ; Not applicable

9.6 Solubility in Miscibility with water : Dispersible

9.7 Solids content: % 70-80 , solvent content water % 20-30

9.8 Oxidising Properties. Will react exothermically if mixed with a strong oxidizing substance

10. STABILITY AND REACTIVITY

Chemical stability ; Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat

May react with acids , lime or oxidizing agents or halogenated hydrocarbons.

Hazardous decomposition products: Hydrogen

11. TOXICOLOGICAL INFORMATION

To date no dangerous health effects have been detected in normal use.

See Section 4 – First Aid Measures

See Section 8 – Exposure Controls.

12. ECOLOGICAL INFORMATION

12.1 Mobility/Degradability

Will convert to aluminium oxide (alumina) during prolonged contact with water.

12.2 Ecotoxicity

Long term effects –currently subject to investigation – results not yet known. Not expected to be shown as hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste/ Contaminated Packaging: Dispose of in line with regional or national regulations relevant to the location of the consumer

European waste catalogue 12 01 04 non-ferrous metal dust and particles

14. TRANSPORT INFORMATION

14.1 UN-Number ADN IATA Void

14.2 UN Proper shipping name ADN Void

14.3 Transport hazard class ADR , IMDG, IATA Void

Transport/Additional information: Not dangerous according to the above specifications.

15. REGULATION INFORMATION

Safety data sheet available on request

S7/8 keep container tightly closed and dry.

S43 – in case of fire smother with dry sand.

Do not use water.

Relevant phrases ;

H302 Harmful if swallowed.

H228 Flammable solid.

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Halime KOŞLU
Quality Management Manager