

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifiers****1.1.1 Product name**

Metal polymer composition "Alinol"

1.1.2 REACH No

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Identified uses**

The composition is intended to impart protective and decorative properties to metal surfaces. Used as a finishing protective and decorative coating over the applied composition "Galvanol"

2.2 Details of the supplier of the safety data sheet**Company** NPCAZ LLC**Address** 111622, Moscow, Bolshaya Kosinskaya st., 27**Telephone** +7(495) 507-5361**Fax** +7(495) 507-5361**Email** info@npcaz.ru**SECTION 2: Hazard identification****2.1 Classification of the substance or mixture**

Flammable liquids, category 3; Acute

toxicity - dermal, category 4; Acute

toxicity - inhalation, category 4; Skin

Irritation, category 2;

Eye Irritation, category 2A;

Reproductive toxicity, category 1A;

Hazardous to the aquatic environment, acute hazard category 2.

2.2 Label elements**Signal word:** Danger**Pictograms:****Hazard Statement Code(s):**

H226: Flammable liquid and vapor

H312: Harmful in contact with skin

H332: Harmful if inhaled

H315: Causes skin irritation

H319 Causes serious eye irritation

H360: May damage fertility or the unborn child

H401: Toxic to aquatic life

2.3 Other hazards

Not

SECTION 3: Composition / information on ingredients

3.1 Substances

CAS No	EC No	Mass fraction	Chemical name of substance
1330-20-7	215-535-7	80	Xylene
7429-90-5	231-072-3	11	Aluminum
63148-65-2	272-808-3	9	Polymers

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled

If inhaled, remove to fresh air. When breathing is stopped, apply artificial ventilation. Get medical advice.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Rinse mouth with water. Take activated charcoal and salt laxative.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Sand, finely dispersed water, chemical or air- chemical foam from stationary installations or fire extinguishers

5.2 Special hazards arising from the substance or mixture

Carbon oxides are released during the burning

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use serviceable equipment

6.2 Environmental precautions

Do not allow product to enter drains, rivers or other water bodies. Collect spilled product by adsorption. Sealing equipment.

6.3 Methods and materials for containment and cleaning up

In the event of a large spill, fill the spill site with sand or other inert adsorbent material. Collect in a container designated for disposal and dispose of for disposal

6.4 Reference to other sections

For disposal see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Tightness of packaging, use of means of individual protection

7.2 Conditions for safe storage, including any incompatibilities

Store in closed warehouse ventilated rooms or under awnings at a temperature from minus 40 to plus 30 ° C in a container with tightly closed lids, excluding moisture, dust and other contaminants. When stored at other temperatures, the manufacturer does not guarantee the compliance of the composition with the technical requirements.

7.3 Specific and use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Control of the MAC of the working area – 150/50 mg / m³ (Xylene)

8.2 Exposure controls

Appropriate engineering controls^[1]_{SEP}

Do not eat, drink or smoke in the work area. After work, wash your hands thoroughly.

8.2.1 Individual protection means

Eye/face protection

Protective glasses

Skin protection

Overalls

Respiratory protection

Industrial filter masks

8.3 Control of environmental exposure

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic: physical and chemical properties

- a) Appearance: viscous liquid of gray hue
- b) Density: 2500 kg / m³
- c) Flash point: not established (for xylene: 24 ° C)
- d) Ignition temperature: not established (for xylene: 494 ° C)
- e) Concentration limits for flame propagation: not established (for xylene: 1-6%)
- f) Nominal viscosity at temperature (20.0 ± 0.5) ° C: 60

9.2 Other safety information

no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Oxidized, interacts with acids and alkalis

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Protect from direct sunlight and atmospheric precipitation

10.5 Incompatible materials

Acids, alkalis

10.6 Hazardous decomposition products

Not

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

DL50 > 5000 mg / kg, oral, rat

1000 < DL50 < 2000 mg / kg, dermal, rabbit

10000 < CL50 < 20000 mg / m³, inhalation

Skin corrosion/irritation

Irritating effect (hyperemia, dryness, itching)

Serious eye damage/eye irritation

Irritating effect (hyperemia, swelling, pain in the eyes)

Respiratory or skin sensitization

Not installed

Germ cell mutagenicity

Not installed

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Has toxicity for reproduction

Specific target organ toxicity - single exposure

Not installed

Specific target organ toxicity - repeated exposure

Not installed

Aspiration hazard

Not installed

Additional Information

no data available

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic organisms

For 1,2-Dimethylbenzene:

CL50 = 17 mg / l (Carp, 96 hours);

EC50 = 8.5 mg / l (Daphnia magna, 48 h);

12.2 Persistence and degradability

no data available

12.3 Bio accumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging Dispose of

as unused product. **SECTION 14:**

Transport information

14.1 Overland transport

UN number: 1263

UN proper shipping name: Flammable liquids

Transport hazard class (es): 3

Packaging group: III

Special precautions for user: Special precautions are not required

14.2 Air transport (IATA/ICAO)

UN number: 1263

UN proper shipping name: Flammable liquids

Transport hazard class (es): 3

Packaging group: III

Special precautions for user: Special precautions are not required

14.3 Maritime transport

UN number: 1263

UN proper shipping name: Flammable liquids

Transport hazard class (es): 3

Packaging group: III

Special precautions for user: Special precautions are not required

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Not