

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Version: 1, Revision: 0, Date of issue: May 5, 2020

4.1 Description of necessary frst-aid measures

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of

dangerous area.

If inhaled : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call a

poison center or doctor.

In case of skin contact : Wash with water. Call a poison center or doctor if irritation develops or persists.

In case of eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.

If swallowed : Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do

so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

If inhaled : Dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal

discharge, headache, hoarseness, and nose and throat pain.

In case of skin contact : Dust may cause skin irritation. Signs/symptoms may include localized redness, swelling,

and itching.

In case of eye contact : Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain,

tearing, and blurred or hazy vision.

If swallowed : Dust may cause gastrointestinal irritation. Signs/symptoms may include abdominal pain,

stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-f ghting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Product contains aluminum. Generation of aluminum dust is hazardous. Aluminum dust is a iammable solid and releases iammable gases in contact with water.

Hazardous decomposition products: Carbon oxides, organic compounds, metal oxides.

5.3 Special protective actions for fre-fghters

Wear self-contained breathing apparatus for frefghting if necessary.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Version: 1, Revision: 0, Date of issue: May 5, 2020

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid dust formation. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including any incompatibilities

Keep in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

ALUMINUM. METAL (a7 AI):

•	7.20mirtom, m217.2 (a1 7.1).						
	A ËÀRÚWÜAŁÑ€A ÁLŁÂALŁHÍA ÁFÂAFÕSTSUQA JÕÔŠA	A MÛAVÚACBÀRÚWÜAŁÑ€A ÁLŁÂALŁHÍA ÁFĀAFÖSTSUQA	® ®A ËÀRÚWÜAŁÑ€A ÁLŁÀALŁHÍA ÁFĀAFŌSTSUQA	A ËÀRÚWÜAŁÑ€A ÁLŁÀALŁHÍA ÁFÂAFÖSISUQA JÕÔŠA			
	A CEAÞQÁÞÝAÁVÚVŐTA ØWŮVÁÁÁEAÞQÁÞÝA ÁŪÖÙŮSŰÖÖTŐA PŨÔŎYSÚUÁA	A CBA Þ QÁ Þ ÝAÁVÚVÖTA ØWÙVÁÁAEA Þ QÁ Þ ÝA ÁÜÖÙÚSŰÖÖTŐA PŰÔÒVSÚUÁA	A CA Þ QÁ Þ ÝA ÁÜ ÔÙ Û SÚ Ô Ö T Ō A Û ÔÜ VS Ò WT Ô V Õ A Þ Ô W Õ Ü ÂA	A CBAÞQÁÞÝAÁVÚVÖTA ØWÙVÁÁÁEAÞQÁÞÝA ÁŬŌÙŮSŰŌÖTŌA PŨŌÒNSÚUÁA			

SILICON:

A ËÀRÚWŨAŁÑ€A ÁLŁÂALŁHÍA ÁFÂAFÖSTSUQA JÕÕŠA	A MÛAVÚACBÀRÚWŨAŁÑ€A ÁLŁÀALŁHÍA ÁFÂAFŐSTSUQA	® ®A ËÀRÚWÜAŁÑ€A ÁLŁÀALŁHÍA ÁFÂAFÖSTSUQA	Á ËÀRÚWŨAŁÑ€A ÁLŁÀALŁHÍA ÁFÂAFÖSISUQA JÕÔŠA
A CEA Þ QÁ Þ ÝAÁVÚVŐTA ØWÙVÁÁAEA Þ QÁ Þ ÝA ÁŨŎÙÛSŨŌŎTÕA PŨŌÒNSÚUÁA	A CBA Þ QÃ Þ ÝAÁVÚVÔTA ØWÙVÁÄAEA Þ QÃ Þ ÝA ÁŪÕÙÛÂA	A Ï ÚAØÖVŐAÖXÖSTÖÖTÖA	A CBA Þ QÁ Þ ÝAÁVÚVŐTA ØWÙVÁÁAEA Þ QÁ Þ ÝA ÁÜŌÙŮSŨŎÖTŌA PŨŌÒNSÚUÁA

COPPER (a7 C8):

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection : Safety goggles are recommended.

Skin protection : Wear protective gloves.

Body protection : Wear protective clothing. The type of protective equipment must be

selected according to the concentration and amount of the dangerous

substance at the specifc workplace.

Respiratory protection : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering

controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as

NIOSH (US) or CEN (EU).

Thermal hazards : No data available.

Environmental exposure controls : Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.) : Solid metallic panel, iat, with wood exposed at the sides

Odor : Mile

Odor threshold : No data available

pH : Not applicable
Melting point/freezing point : No data available

Initial boiling point and boiling range : Not applicable

Flash point : No data available

Evaporation rate : Not applicable Flammability (solid, gas) : No data available

Upper/lower i ammability limits : No data available Upper/lower explosive limits : Not applicable

Vapor pressure : No data available

Vapor density : No data available Relative density : No data available

Solubility(ies) : No data available
Partition coeffcient: n-octanol/water : Not applicable

Auto-ignition temperature : No data available

10.4 Conditions to avoid

Avoid dust generation, avoid exposure to heat and contact with incompatible materials.

10.5 Incompatible materials

Strong alkaline, acids, oxidizing and reducing agents.

10.6 Hazardous decomposition products

Metal and metal oxide fumes, carbon oxides.

SECTION 11: Toxicological information

nformation on toxicological effects

Acute toxicity : Based on available data, classification data are not met

Likely Routes of Exposure : Eye contact. Skin contact. Inhalation

Skin corrosion/irritation : Dust may cause skin irritation. Signs/symptoms may include localized

redness, swelling, and itching

Serious eye damage/irritation : Dust may cause eye irritation. Signs/symptoms may include redness,

swelling, pain, tearing, and blurred or hazy vision

Respiratory or skin sensitization : No data available

Germ cell mutagenicity : No data available

Carcinogenicity

Only trace amounts of these components are anticipated:

Formaldehyde (CAS no.: 50-00-0) : IARC: carcinogenic to humans (Group 1)

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

No SARA hazards.

SARA 313 Components

Aluminum (CAS no.: 7429-90-5) Zinc (CAS no.: 7440-66-6) Copper (CAS no.: 7440-50-8) Manganese (CAS no.: 7439-96-5)

SECTION 16: Other information

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given.

NFPA fre hazard : 1 - Must be preheated before ignition can occur.