



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Revision date: Apr/11/2018

Version: 4

Language: en-US

Date of print: May/23/2018

Fast-Metal Minute Adhesive Hardener

Material number 105512

Page:

1 of 7

1. Product and company identification

Product identifier

Trade name: Fast-Metal Minute Adhesive Hardener

Relevant identified uses of the substance or mixture and uses advised against

General use: Sealant

Details of the supplier of the safety data sheet

Company name: WEICON Inc.

Street/POB-No.: 20 Steckle Place, Unit 20

Postal Code, city: Kitchener, Ontario N2E 2C3, CA

WWW: www.weicon.ca

E-mail: info@weicon.ca

Telephone: +1-519-896-5252

Telefax: +1-519-896-5254

Dept. responsible for information:

Product-Safety-Department

Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de

Emergency phone number

EMERGENCY CONTACT – USA (24h): Tel: +1 202 464 2554

Transport:

TRANSPORT EMERGENCY CONTACT - USA (24h): Tel: +1 202 464 2554

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: solid

Form: liquid

Color: yellowish, white

Odor: ammonia-like

Classification: This material is classified as not hazardous.

Precautionary statements:

Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Mixture of the substance mentioned below with non-hazardous additions



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Fast-Metal Minute Adhesive Hardener

Material number 105512

Page:

2 of 7

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 90-72-2	2,4,6-tris (Dimethylaminomethyl)phenol	1 - 5 %	Acute Toxicity - oral - Category 4. Skin Irritation - Category 2. Eye Irritation - Category 2A.

4. First aid measures

General information:	Take off immediately all contaminated clothing.
In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical treatment in case of troubles.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. In case of skin irritation, consult a physician. Take off immediately all contaminated clothing and wash it before reuse.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.
After swallowing:	Do not induce vomiting. Rinse mouth and drink large quantities of water. Never give anything by mouth to an unconscious person. Immediately get medical attention.

Most important symptoms/effects, acute and delayed

May cause an allergic skin reaction. cough, vomiting, respiratory complaints, nausea

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:	Not applicable
Auto-ignition temperature:	not determined
Suitable extinguishing media:	Alcohol resistant foam, dry chemical powder, water spray jet, carbon dioxide.
Extinguishing media which must not be used for safety reasons:	full water jet

Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire. In case of fire may be liberated: Carbon monoxide and carbon dioxide, sulphur oxides.

Protective equipment and precautions for firefighters:	Wear a self-contained breathing apparatus and chemical protective clothing.
Additional information:	You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

6. Accidental release measures

Personal precautions:	Avoid contact with skin, eyes, and clothing. Do not breathe vapors/dust/ aerosols. Provide adequate ventilation. Wear appropriate protective equipment. Keep unprotected people away. Take off immediately all contaminated clothing.
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Fast-Metal Minute Adhesive Hardener

Material number 105512

Page:

3 of 7

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods for clean-up:

Take up mechanically, placing in appropriate containers for disposal.

7. Handling and storage

Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

Do not breathe vapor. Wear appropriate protective equipment.

Avoid contact with skin, eyes, and clothing.

Take off immediately all contaminated clothing.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.

Protect from moisture contamination. Protect from frost, heat and sunlight.

Hints on joint storage:

Do not store together with acids/alkalies and oxidation agents.

Keep away from food, drink and animal feedingstuffs.

Further details:

Do not allow the product to enter the ground.

8. Exposure controls / personal protection

Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection

Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection

Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Butyl caoutchouc (butyl rubber) - Layer thickness: 0.7 mm

Breakthrough time: 60 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection:

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.

General hygiene considerations:

Take off immediately all contaminated clothing. Avoid contact with the substance.

Eye wash facility must be provided.

Wash hands before breaks and after work.

When using do not eat, drink or smoke.



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Fast-Metal Minute Adhesive Hardener

Material number 105512

Page:

4 of 7

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: solid Form: liquid Color: yellowish, white
Odor:	ammonia-like
Odor threshold:	No data available
pH value:	not determined
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	not applicable
Flash point/flash point range:	Not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	at 68 °F: ≤ 0.01 hPa
Vapor density:	No data available
Density:	at 68 °F: approx. 1.7 g/cm^3
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not determined
Thermal decomposition:	> 302 °F
Additional information:	No data available

10. Stability and reactivity

Reactivity:	No information available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts with: Oxidizing agents, amines
Conditions to avoid:	Protect from frost, heat and sunlight.
Incompatible materials:	Oxidizing agents, amines.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide, sulphur oxides.
Thermal decomposition:	> 302 °F



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Fast-Metal Minute Adhesive Hardener

Material number 105512

Page:

5 of 7

11. Toxicological information

Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms

Handle in accordance with good industrial hygiene and safety practice. Further hazardous properties cannot be excluded.

After contact with skin:
Frequently or prolonged contact with skin may cause dermal irritation.

General remarks

Further hazardous properties cannot be excluded.

12. Ecological information

Ecotoxicity

Further details: No data available

Mobility in soil

No data available

Persistence and degradability

Further details: No data available

Additional ecological information

General information: Do not allow to enter into ground-water, surface water or drains.



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Material number 105512

Page: 6 of 7

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

14. Transport information

USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - U.S. Federal Regulations

2,4,6-tris(Dimethylaminomethyl)phenol: TSCA Inventory: listed
TSCA HPVC: not listed

National regulations - Great Britain

Hazchem-Code: -

16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)
Fire: 1 (Slight)
Reactivity: 1 (Slight)

HMIS Version III Rating:

Health: 1 (Slight)
Flammability: 1 (Slight)
Physical Hazard: 1 (Slight)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	1
	X

Reason of change: Changes in section 1: Company/undertaking identification; emergency phone number
Changes in section 14: Transport information
Changes in section 16: Other information
General revision

Date of first version: Oct/8/2015



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Fast-Metal Minute Adhesive Hardener

Material number 105512

Page:

7 of 7

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.