

AFINITICA® ADHESIVE WELDING METAL Part B

SDB n°: 242906

V4.0 (JULY 2015)

Created: JUNE 2014

SECTION 1: Product and company identification

1.1. Product identifier

AFINITICA® ADHESIVE WELDING METAL Part B

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

Intended use: Activator

1.3. Details of the supplier of the safety data sheet

Afinitica Technologies S.L.
Edificio Eureka, Parc de Recerca UAB
08193 Bellaterra (Barcelona)

España
Telephone number: +34 93 580 1974
info@afinitica.com

1.4. Emergency telephone number

Afinitica Technologies S.L. + 34 93 580 19 74

Afinitica Technologies (24 h) + 34 694 412 618

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

Not a hazardous substance or mixture.

2.2. GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3. Hazards not otherwise classified (HNOC) or not covered by GHS

None.

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

General chemical description: Activator.

3.2.1. Declaration of the ingredients in accordance with 29 CFR 1910 (OSHA HCS):

Hazardous component	CAS-No.	EC-No.	Content	Classification
Silicones and siloxanes, dimethyl-, reaction products with silica	67762-90-7	-	1 – 10 %	-

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled:

No known effects.

In case of skin contact:

No known effects.

In case of eye contact:

No known effects.

If swallowed:

No known effects.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

See section 4.1

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

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

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

No data available/Not applicable.

5.4. Further information

No data available/Not applicable.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No data available/Not applicable.

6.2. Environmental precautions

No adverse effects for the environment are known.

6.3. Methods and materials for containment and cleaning up

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No data available/Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

No data available/Not applicable.

7.3. Specific end use(s)

Activator.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits (OEL):

Substance	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Silica dust	10 mg/m ³ TWA (inhalable dust)	15 mg/m ³ TWA (total dust)	-	-
	3 mg/m ³ TWA (respirable fraction)	5 mg/m ³ TWA (respirable fraction)	-	-

8.2. Exposure controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment:

Eye/face protection:

No special protection is needed.

Skin protection:

No special protection is needed.

Body protection:

No special protection is needed.

Respiratory protection:

No special protection is needed.

Control of environmental exposure:

Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid Grey.
Odour	Characteristic.
pH	No data available/Not applicable
Initial boiling point	No data available/Not applicable
Flash point	< 160 °C (320 °F)
Decomposition temperature	No data available/Not applicable
Vapour pressure	No data available/Not applicable

Density	No data available/Not applicable
Bulk density	No data available/Not applicable
Viscosity	No data available/Not applicable
Viscosity (kinematic)	No data available/Not applicable
Explosive properties	No data available/Not applicable
Qualitative solubility (solvent: water)	No data available/Not applicable
Solidification temperature	No data available/Not applicable
Melting point	No data available/Not applicable
Flammability	No data available/Not applicable
Auto-Ignition temperature	No data available/Not applicable
Explosive limits	No data available/Not applicable
Partition coefficient n-octanol/water	No data available/Not applicable
Evaporation rate	No data available/Not applicable
Vapour density	No data available/Not applicable
Oxidizing properties	No data available/Not applicable

9.2. Other safety information

No data available/Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available/Not applicable.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available/Not applicable.

10.4. Conditions to avoid

No data available/Not applicable.

10.5. Incompatible materials

No data available/Not applicable.

10.6. Hazardous decomposition products

No data available/Not applicable.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Aspiration hazard:

No data available/Not applicable.

Acute oral toxicity:

No data available/Not applicable.

Acute dermal toxicity:

No data available/Not applicable.

Skin corrosion/irritation:

No data available/Not applicable.

Serious eye damage/irritation:

No data available/Not applicable.

Respiratory or skin sensitization:

No data available/Not applicable.

Germ cell mutagenicity:

No data available/Not applicable.

Carcinogenicity:

No data available/Not applicable.

SECTION 12: Ecological information

12.1. Toxicity

No data available/Not applicable.

12.2. Persistence and degradability

No data available/Not applicable.

12.3. Bioaccumulative potential

No data available/Not applicable.

12.4. Mobility in soil

No data available/Not applicable.

12.5. Results of PBT and vPvB assessment

No data available/Not applicable.

12.6. Other adverse effects

No data available/Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Taking into account local regulations the product may be disposed of as waste water after neutralisation.

Disposal of uncleaned packages:

Dispose of as unused product.

SECTION 14: Transport information

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name	Not regulated.
Hazard class or division	None.
Identification number	None.
Packing group	None.

International Air Transportation (ICAO/IATA)

Proper shipping name	Not regulated.
Hazard class or division	None.
Identification number	None.
Packing group	None.

Water transportation (IMO/IMDG)

Proper shipping name	Not regulated.
Hazard class or division	None.
Identification number	None.
Packing group	None.

SECTION 15: Regulatory information

United States Regulatory Information

SARA 302 Components

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

SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	No SARA Hazards
California Proposition 65	This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: Other information

Further information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This safety data sheet was prepared in accordance with 29 CFR 1910 (OSHA HCS).