



SAFETY DATA SHEET

Sure-Set™ ACR part A

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name Sure-Set™ ACR part A

Recommended use of the chemical and restrictions on use Application

Resin.

Details of the supplier of the safety data sheet

Supplier Aerosmith Fastening System
 5621 Dividend Road,
 Indianapolis, Indiana 46241
 Tel: 800.528.8183
 Fax: 317.390.6980
 email: info@aerosmithfastening.com
 www.aerosmithfastening.com

Emergency telephone number Chemtrec: 1-800-424-9300 (Within Continental USA);

Emergency telephone Chemtrec: 703-527-3887 (Outside USA).

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Label elements

Pictogram



Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.

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Precautionary statements	<p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Contains	2-HYDROXYPROPYL METHACRYLATE, REACTION MASS OF 2,2'-[(4-METHYLPHENYL) IMINO] BIETHANOL AND ETHANOL 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-
Labeling notes	<p>Not irritating.</p> <p>On basis of test data.</p> <p>OECD Test No. 439</p>

3. Composition/information on ingredients

Mixtures

QUARTZ SAND	20-50%
CAS number: 14808-60-7	
2-HYDROXYPROPYL METHACRYLATE	5-10%
CAS number: 27813-02-1	
VINYL TOLUENE	5-10%
CAS number: 25013-15-4	
TITANIUM DIOXIDE	>0.5 <1.0%
CAS number: 13463-67-7	
REACTION MASS OF 2,2'-[(4-METHYLPHENYL) IMINO] BIETHANOL AND ETHANOL 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-	<0.5%
CAS number: —	
METHACRYLIC ACID	<0.5%
CAS number: 79-41-4	

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

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Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation May cause respiratory irritation.

Ingestion May cause discomfort if swallowed.

Skin contact May cause skin irritation/eczema.

Eye contact May irritate eyes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Hazardous combustion products Oxides of carbon.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

7. Handling and storage

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from oxidizing materials, heat and flames.

Storage class Chemical storage.

Specific end uses(s)

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Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

QUARTZ SAND

Long-term exposure limit (8-hour TWA): OSHA 0.05 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction

A2

VINYL TOLUENE

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 480 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 242 mg/m³

Short-term exposure limit (15-minute): ACGIH 100 ppm 483 mg/m³

A4

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³

A4

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

METHACRYLIC ACID

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 70 mg/m³

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

A2 = Suspected Human Carcinogen.

Exposure controls

Protective equipment



Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear eye protection.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations.

Environmental exposure controls

Keep container tightly sealed when not in use.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Liquid

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Color	Beige.
Odor	Aromatic.
Odor threshold	Not determined.
pH	Not applicable.
Melting point	Not determined.
Initial boiling point and range	>165°C @
Flash point	61°C
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapor pressure	6 hPa @ 20°C
Vapor density	Not determined.
Relative density	1.65 - 1.75 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Insoluble in water
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	> 60 S ISO2431
Explosive properties	No information available.
Oxidizing properties	Does not meet the criteria for classification as oxidizing.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Organic peroxides/hydroperoxides.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Does not decompose when used and stored as recommended.
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
Materials to avoid	Organic peroxides/hydroperoxides.
Hazardous decomposition products	Oxides of carbon.

11. Toxicological information

Information on toxicological effects

ACR part A

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 159.52

Skin corrosion/irritation

Skin corrosion/irritation Not irritating. OECD Test No. 439

Serious eye damage/irritation

Serious eye damage/irritation Not irritating. OECD Test No. 439

Skin sensitization

Skin sensitization Sensitizing.

Ingestion May cause discomfort if swallowed.

Skin Contact May cause sensitisation by skin contact. May cause irritation.

Eye contact May irritate eyes.

Acute and chronic health hazards May cause sensitisation by skin contact.

Route of exposure Skin and/or eye contact.

Medical considerations Skin disorders and allergies.

12. Ecological information

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient Not determined.

Mobility in soil

Mobility Not applicable.

Other adverse effects

Other adverse effects Not applicable.

13. Disposal considerations

Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Dispose of waste via a licensed waste disposal contractor.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

XS part A

Transport Labels (International) No transport warning sign required.

Transport labels
No transport warning sign required.

DOT transport labels
No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance
No.

Special precautions for user

Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

Guidance Workplace Exposure Limits EH40.

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are listed or exempt.

SARA 313 Emission Reporting
None of the ingredients are listed or exempt.

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

FDA - Essential Chemical
None of the ingredients are listed or exempt.

FDA - Precursor Chemical
None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals
None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins
The following ingredients are listed or exempt:

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TITANIUM DIOXIDE

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

METHACRYLIC ACID

VINYL TOLUENE

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

QUARTZ SAND

TITANIUM DIOXIDE

METHACRYLIC ACID

VINYL TOLUENE

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

QUARTZ SAND

TITANIUM DIOXIDE

METHACRYLIC ACID

VINYL TOLUENE

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

QUARTZ SAND

TITANIUM DIOXIDE

METHACRYLIC ACID

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

QUARTZ SAND

TITANIUM DIOXIDE

METHACRYLIC ACID

VINYL TOLUENE

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

QUARTZ SAND

TITANIUM DIOXIDE

METHACRYLIC ACID

VINYL TOLUENE

Inventories

ACR part A

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	10/18/2018
Version number	3.001
Supersedes date	5/8/2018
SDS No.	20672
Hazard statements in full	H317 May cause an allergic skin reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.