

**SAFETY DATA SHEET****CIA-EA Adhesive Anchor System part A****1. Identification****Product identifier**

Product name CIA-EA Adhesive Anchor System part A
Product number BPF005

Recommended use of the chemical and restrictions on use

Application Resin.

Details of the supplier of the safety data sheet

Supplier USP Structural Connectors - A MiTek Company
14305 Southcross Drive - Suite 200
Burnsville, MN 55306
Tel: 800-328-5934
Fax: 952-898-8605

Web USPconnectors.com

Contact Person uspcustomerservice@mii.com

Emergency telephone number

Emergency telephone Domestic (800) 255-3924 Chem-Tel / International +01-813-248-0585

2. Hazard(s) identification**Classification of the substance or mixture****Physical hazards**

Not Classified

Health hazards

Skin Sens. 1 - H317

Environmental hazards

Not Classified

Human health

May cause skin sensitization or allergic reactions in sensitive individuals.

Label elements**Pictogram**

Signal word Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

CIA-EA Adhesive Anchor System part A

P261 Avoid breathing vapor/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P321 Specific treatment (see medical advice on this label).
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362
 +P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/container in accordance with national regulations.

Contains TRIETHYLENE GLYCOL DIMETHACRYLATE

3. Composition/information on ingredients**Mixtures**

QUARTZ SAND CAS number: 14808-60-7	20-50%
Classification Not Classified	
TRIETHYLENE GLYCOL DIMETHACRYLATE CAS number: 109-16-0 REACH registration number: 01-2119969287-21-XXXX	10-20%
Classification Skin Sens. 1B - H317	
CRYSTALLINE SILICA CAS number: 14808-60-7	10-20%
Classification STOT RE 2 - H373	
TITANIUM DIOXIDE CAS number: 13463-67-7 REACH registration number: 01-2119489379-17-XXXX	>0.5 <1.0%
Classification Not Classified	

The Full Text for all Hazard Statements are Displayed in Section 16.

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.

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.

CIA-EA Adhesive Anchor System part A

Most important symptoms and effects, both acute and delayed

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause skin irritation/eczema. May cause skin sensitization or allergic reactions in sensitive individuals.

Eye contact

Irritation of eyes and mucous membranes.

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

Precautions for safe handling

Usage precautions

Do not use in confined spaces without adequate ventilation and/or respirator.

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.

CIA-EA Adhesive Anchor System part A**Storage class**

Chemical storage.

Specific end uses(s)**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection**Control parameters****Occupational exposure limits****QUARTZ SAND**Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³

A2

CRYSTALLINE SILICALong-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³

A2

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

A4

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

ACGIH = American Conference of Governmental Industrial Hygienists.

A2 = Suspected Human Carcinogen.

A4 = Not Classifiable as a Human Carcinogen.

OSHA = Occupational Safety and Health Administration.

QUARTZ SAND (CAS: 14808-60-7)**Immediate danger to life and health**50 mg/m³ 25 mg/m³**CRYSTALLINE SILICA (CAS: 14808-60-7)****Immediate danger to life and health**50 mg/m³ 25 mg/m³**SILICON DIOXIDE, AMORPHOUS (CAS: 7631-86-9)****Immediate danger to life and health**3000 mg/m³**TITANIUM DIOXIDE (CAS: 13463-67-7)****Immediate danger to life and health**5000 mg/m³**Exposure controls****Protective equipment****Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapors. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

CIA-EA Adhesive Anchor System part A

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 hands 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. Respiratory protection may be required if excessive airborne contamination occurs.

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

Color

Grey.

Odor

Aromatic.

Odor threshold

Not determined.

pH

Not applicable.

Melting point

Not determined.

Initial boiling point and range

Not available.

Flash point

> 100°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.

Vapour pressure

Not available.

Vapour density

Not determined.

Relative density

1.65 - 1.75 @ 20°C

Bulk density

Not applicable.

CIA-EA Adhesive Anchor System part A**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.

Oxidising 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**Skin sensitisation**

Sensitizing.

Inhalation

Gas or vapor in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion

May cause discomfort if swallowed.

Skin Contact

May cause sensitisation by skin contact. May cause irritation.

Eye contact

Irritating to eyes.

Acute and chronic health hazards

Irritating to eyes. May cause sensitisation by skin contact.

Route of entry

Skin and/or eye contact.

CIA-EA Adhesive Anchor System part A**Medical Symptoms**

Irritation of eyes and mucous membranes. Irritation of nose, throat and airway. Skin irritation.

Medical considerations

Skin disorders and allergies.

12. Ecological Information**Ecotoxicity**

Not regarded as dangerous for the environment.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Mobility in soil**Mobility**

Not applicable.

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

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

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards**Environmentally Hazardous Substance**

No.

Special precautions for user

Not applicable.

CIA-EA Adhesive Anchor System part A

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

15. Regulatory information**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**State Regulations Comments**

Some of the ingredients are listed or exempt.

California Proposition 65 Carcinogens and Reproductive Toxins

The following ingredients are listed or exempt:

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

The following 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:

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Inventories**Canada - DSL/NDSL**

The following ingredients are listed or exempt:

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

16. Other information

CIA-EA Adhesive Anchor System part A

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 5/21/2015

Revision 2

Supersedes date 1/05/2013

SDS No. 10560

Hazard statements in full

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

Disclaimer

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.