

Created On: 08/01/2017
Revision Date: 08/01/2018
Version:1.0

Product and Company Identification

Product Name: ANCHOR-IT! (Part A)

Product Use: Anchoring

Company Identification:
SOFT JAMB COMPANY.
6298 MT PINOS CT.
ALTA LOMA, CA 91701
Contact Phone: 909-980-2044
(7:00a.m. – 5:00p.m. PT)

Emergency Phone:
CHEMTREC (USA & CANADA) 24HRS
800-424-9300 OR 703-527-3887

2. Hazards Identification (Part A)

Classification of the chemical

Hazard categories:

- Skin corrosion/irritation: Skin Irritation. 2
- Serious eye damage/eye irritation: Eye Dam. 1
- Respiratory/skin sensitization: Skin Sens. 1
- Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye damage
- May cause respiratory irritation

Label elements

Signal word: Danger

Pictograms: corrosion; exclamation mark



- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye damage
- May cause respiratory irritation

Precautionary statements

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/face protection.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- Continue rinsing. Immediately call a poison center/doctor.

Hazards not otherwise classified

No data available.

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3. Composition/ Information on Ingredients (Part A)

Mixtures

Chemical characterization
 Mortar

Hazardous components

CAS No	Components	Quantity
65997-15-1	Portland cement	25 - 50 %
14808-60-7	Quartz, silicium dioxide	10 - 25 %
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	2.5 - 10 %

4. First Aid Measures (Part A)

Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
 In the event of persistent symptoms receive medical treatment.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.
 In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with soap and plenty of water.
 Consult a doctor if skin irritation persists.

After contact with eyes

Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.
 Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
 If swallowed give water to drink.
 Seek medical treatment immediately.

Most important symptoms and effects, both acute and delayed

DANGER!
 Irritant to eyes, skin and respiratory system.
 May cause an allergic skin reaction.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Indication of any immediate medical attention and special treatment needed

Treat symptoms.

5. Fire Fighting Measures (Part A)

Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.
 Sand

Unsuitable extinguishing media

Full water jet.

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Specific hazards arising from the chemical

Risk of formation of toxic pyrolysis products.

Special protective equipment and precautions for fire-fighters

Use breathing apparatus with independent air supply

6. Accidental Release Measures (Part A)

Personal precautions, protective equipment and emergency procedures

Remove persons to safety.

Ensure adequate ventilation.

Environmental precautions

Clean contaminated surface thoroughly.

Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

Shovel into suitable container for disposal.

Reference to other sections

Information for disposal look up chapter 13.

7. Handling and Storage (Part A)

Precautions for safe handling

Advice on safe handling

Use only in thoroughly ventilated areas.

Avoid contact with skin, eyes and clothing.

When using do not eat, drink or smoke.

Further information on handling

Protect from direct solar radiation.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage: cool and dry

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

8. Exposure Control and Personal Protection (Part A)

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/c c	Category	Origin
65997-15-1	Portland cement (total)	-	10		TWA (8 h)	REL
65997-15-1	Portland cement (respirable fraction)	-	1		TWA (8 h)	TLV
65997-15-1	Portland cement (respirable fraction)	1765	5		TWA (8 h)	REL
14808-60-7	Silica, crystalline (as respirable dust)	mp/m ³	0.05		TWA (8 h)	REL
14808-60-7	Silica, crystalline - alpha-quartz (respirable fraction)	-	0.025		TWA (8 h)	TLV
14808-60-7	Silica, crystalline (as respirable dust)	-	(Z-3)		TWA (8 h)	REL
		(Z-3)				

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Additional advice on limit values

Quartz, silicium dioxide*

*An inhalation risk is not expected in this form.

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

Eye/face protection

Tightly fitting goggles.

Hand protection

Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing.

Respiratory protection

Not required under normal use.

Use suitable breathing apparatus if there is inadequate ventilation.

9. Physical and Chemical Properties (Part A)

Information on basic physical and chemical properties

Physical state: Paste
 Color: Grey
 Odor: Characteristic

pH-Value (at 20 °C):

n.d.

Test method

Changes in the physical state

Melting point/freezing point:
 Initial boiling point and boiling range:

n.d.

n.d.

Flash point:

>100 °C

DIN ISO 2592

Lower explosion limits:

n.d.

Upper explosion limits:

n.d.

Vapor pressure: (at 20 °C)

n.d.

DIN 51616

Density (at 20 °C):

1,7 - 1,8 g/cm³

DIN 51757

Water solubility:(at 20 °C)

n.d.

Viscosity / dynamic:

120-160 Pas

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VOC Content:

See section 9 of part B for VOC content

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10. Stability and Reactivity (Part A)

Reactivity

No decomposition if stored and applied as directed.

Chemical stability

Stability: Stable

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Hazardous reactions: Will not occur

No data available.

Conditions to avoid

Keep away from heat and sources of ignition.

Incompatible materials

Reactions with metals in powder form.

Reactions with strong acids and alkalis.

Reactions with strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NO_x)

Further information

No decomposition if stored and applied as directed.

11. Toxicological Information (Part A)

Information on toxicological effects

Route(s) of Entry

Skin and eye contact, inhalation and ingestion.

Acute toxicity

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

Irritation and corrosivity

Causes skin irritation

Causes serious eye damage

Sensitizing effects

May cause an allergic skin reaction (Methacrylic acid, monoester with propane-1,2-diol)

Specific target organ toxicity (STOT) - single exposure

May cause respiratory irritation (Portland cement)

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

Aspiration hazard

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

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12. Ecological Information (Part A)

Ecotoxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

Further information

Do not discharge product unmonitored into the environment.

Product is not allowed to be discharged into aquatic environment.

13. Disposal Considerations (Part A)

Waste treatment methods

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transportation Information (Part A)

US DOT 49 CFR 172.101

Proper shipping name: Not regulated.

Other applicable information

Non-hazardous material as defined by the transport regulations.

15. Regulatory Information (Part A)

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

National regulatory information

SARA Section 311/312 Hazards:

Portland cement (65997-15-1): Immediate (acute) health hazard

Methacrylic acid, monoester with propane-1, 2-diol (27813-02-1): Immediate (acute) health hazard

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

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State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information (Part A)

Hazardous Materials Information Label (HMIS)

Health: 1

Flammability: 1

Physical Hazard: 0

NFPA Hazard Ratings

Health: 1

Flammability: 1

Physical Hazard: 0

Unique Hazard:



Other data

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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1. Product and Company Identification

Product Name: ANCHOR-IT! (Part B)

Product Use: Anchoring

Company Identification:
SOFT JAMB COMPANY.
6298 MT PINOS CT.
ALTA LOMA, CA 91701
Contact Phone: 909-980-2044
(7:00a.m. – 5:00p.m. PT)

Emergency Phone:
CHEMTREC (USA & CANADA) 24HRS
800-424-9300 OR 703-527-3887

2. Hazards Identification (Part B)

Classification of the chemical

Hazard categories:

Respiratory or skin sensitization: Skin Sens. 1

Specific target organ toxicity repeated or prolonged exposure: STOT RE 2

Hazard Statements:

May cause an allergic skin reaction

May cause damage to organs through prolonged or repeated exposure

Toxic to aquatic life with long lasting effects

Label elements

Signal word:

Warning

Pictograms:

exclamation mark



May cause an allergic skin reaction

May cause damage to organs through prolonged or repeated exposure

Toxic to aquatic life with long lasting effects

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Wear protective gloves/protective clothing/eye protection/face protection.

Hazards not otherwise classified

No data available.

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3. Composition/ Information on Ingredients (Part B)

Mixtures

Chemical characterization

Hardener based on dibenzoyl peroxide

Hazardous components

CAS No	Components	Quantity
14808-60-7	Quartz, silicium dioxide	> 50 %
94-36-0	dibenzoyl peroxide; benzoyl peroxide	2.5 - 10 %
107-21-1	ethanediol, ethylene glycol	2.5 - 10 %

4. First Aid Measures (Part B)

Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
 In the event of persistent symptoms receive medical treatment.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.
 In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with soap and plenty of water.
 Consult a doctor if skin irritation persists.

After contact with eyes

Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.
 Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
 If swallowed give water to drink.
 Seek medical treatment immediately.

Most important symptoms and effects, both acute and delayed

WARNING !

Irritant to eyes, skin and respiratory system.
 May cause an allergic skin reaction.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Indication of any immediate medical attention and special treatment needed

Treat symptoms.

5. Fire Fighting Measures (Part B)

Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide (CO2), dry chemical, water-spray.
 Sand

Unsuitable extinguishing media

Full water jet.

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Specific hazards arising from the chemical

Risk of formation of toxic pyrolysis products.

Special protective equipment and precautions for fire-fighters

Use breathing apparatus with independent air supply

6. Accidental Release Measures (Part B)

Personal precautions, protective equipment and emergency procedures

Remove persons to safety.
Ensure adequate ventilation.
Keep away from sources of ignition.

Environmental precautions

Clean contaminated surface thoroughly.
Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Take up mechanically.
Shovel into suitable container for disposal.

Reference to other sections

Information for disposal look up chapter 13.

7. Handling and Storage (Part B)

Precautions for safe handling

Advice on safe handling

Use only in thoroughly ventilated areas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.

Further information on handling

Protect from direct solar radiation.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage: cool and dry

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

8. Exposure Control and Personal Protection (Part B)

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
94-36-0	Benzoyl peroxide	-	5		TWA (8 h)	REL
		-	5		TWA (8 h)	REL
		-	5		TWA (8 h)	TLV
107-21-1	Ethylene glycol (aerosol only)	-	-		TWA (8 h)	TLV
		-	100		Peak	TLV
		-	0.05		TWA (8 h)	REL
14808-60-7	Silica, crystalline (as respirable dust)	-	0.05		TWA (8 h)	REL
14808-60-7	Silica, crystalline - alpha-quartz (respirable fraction)	-	0.025		TWA (8 h)	TLV
14808-60-7	Silica, crystalline (as respirable dust)	(Z-3)	(Z-3)		TWA (8 h)	REL

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Additional advice on limit values

Quartz, silicium dioxide*

*An inhalation risk is not expected in this form.

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

Eye/face protection

Tightly fitting goggles.

Hand protection

Not required for normal use.

Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing.

Respiratory protection

Not required under normal use.

Use suitable breathing apparatus if there is inadequate ventilation.

9. Physical and Chemical Properties (Part B)

Information on basic physical and chemical properties

Physical state: Paste
 Color: Black
 Odor: Characteristic

pH-Value (at 20 °C):

n.d.

Test method

Changes in the physical state

Melting point/freezing point:
 Initial boiling point and boiling range:
 Flash point:
 Lower explosion limits:
 Upper explosion limits:
 Vapor pressure: (at 20 °C)
 Density (at 20 °C):
 Water solubility:(at 20 °C)
 Viscosity / dynamic:
 VOC Content:

n.d.
 n.d.
 >100 °C
 n.d.
 n.d.
 n.d.
 n.d.
 1,7 - 1,8 g/cm³
 n.d.
 70-110 Pas
 11 g/L (tested per ASTM D2369-10)

DIN ISO 2592

DIN 51616

DIN 51757

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10. Stability and Reactivity (Part B)

Reactivity

No decomposition if stored and applied as directed.

Chemical stability

Stability: Stable
 Stable under normal conditions

Possibility of hazardous reactions

Hazardous reactions: Will not occur
 No data available.

Conditions to avoid

No decomposition if stored and applied as directed.

Incompatible materials

Reactions with metals in powder form.
 Reactions with strong acids and alkalies.
 Reactions with strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.
 Nitrous oxides (NOx)

Further information

No decomposition if stored and applied as directed.

11. Toxicological Information (Part B)

Information on toxicological effects

Route(s) of Entry

Skin and eye contact, inhalation and ingestion.

Acute toxicity

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

CAS No	Components				
	Exposure routes	Method	Dose	Species	Source
107-21-1	ethanediol, ethylene glycol				
	Oral	LD50	5840 mg/kg	Rat	-
	Dermal	LD50	9530 mg/kg	Rabbit	-

Irritation and corrosivity

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

Sensitizing effects

May cause an allergic skin reaction (dibenzoyl peroxide; benzoyl peroxide)

Specific target organ toxicity (STOT) - single exposure

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

Severe effects after repeated or prolonged exposure

May cause damage to organs through prolonged or repeated exposure (ethanediol, ethylene glycol)

Carcinogenic/mutagenic/toxic effects for reproduction

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

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

Aspiration hazard

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

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12. Ecological Information (Part B)

Ecotoxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

Further information

Do not discharge product unmonitored into the environment.
 Product is not allowed to be discharged into aquatic environment.

13. Disposal Considerations (Part B)

Waste treatment methods

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transportation Information (Part B)

US DOT 49 CFR 172.101

UN/ID number:

UN 3077

Proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (dibenzoyl peroxide)

Transport hazard class(es):

9

Packing group:

III

Hazard label:

9

Marine transport (IMDG)

UN number:

UN3077

UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (dibenzoyl peroxide)

Transport hazard class(es):

9

Packing group

III

Hazard label:

9

Limited quantity

5 kg

Excepted quantity

E1

EmS:

F-A, S-F

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Air transport (ICAO)
UN number: UN 3077
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)
Transport hazard class(es): 9
Packing group: III
Hazard label: 9
Limited quantity Passenger: 30 kg G
Passenger LQ: Y956
Excepted quantity: E1
IATA- packing instructions- Passenger: 956
IATA- max. quantity- Passenger: 400 kg
IATA- packing instructions- Cargo: 956
IATA- max. quantity- Cargo: 400 kg

Other applicable information
 Non-hazardous material as defined by the transport regulations.

15. Regulatory Information (Part B)

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

National regulatory information

SARA Section 304 CERCLA:

Ethylene glycol (107-21-1): Reportable quantity = 5,000 (2270) lbs. (kg)

SARA Section 311/312 Hazards:

Benzoyl peroxide (94-36-0): Reactive, Immediate (acute) health hazard

Ethylene glycol (107-21-1): Immediate (acute) health hazard, Delayed (chronic) health hazard

SARA Section 313 Toxic release inventory:

Benzoyl peroxide (94-36-0): De minimis limit = 1.0%, Reportable threshold = Standard

Ethylene glycol (107-21-1): De minimis limit = 1.0%, Reportable threshold = Standard

Clean Air Act Section 112 (b):

Ethylene glycol (107-21-1)

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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16. Other Information

Hazardous Materials Information Label (HMIS)

Health: *1
Flammability: 1
Physical Hazard: 0

NFPA Hazard Ratings

Health: 1
Flammability: 1
Physical Hazard: 0
Unique Hazard:



Other data

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The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

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