



QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 05/02/2016

Supersedes: 12/02/2015

Version: 1.2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : QUIKSTEEL ALUMINUM PUTTY CARD US
Product code : 16402US

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

Use of the substance/mixture : Multiple Use Epoxy Putty

1.3. Details of the supplier of the safety data sheet

Technical Chemical Company
P.O. BOX 139
Cleburne, Texas 76033
T 817-645-6088

1.4. Emergency telephone number

Emergency number : CHEMTRAC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Carc. 1A H350

Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H350 - May cause cancer

Precautionary statements (GHS-US) : P201 - Obtain special instructions
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves,protective clothing,eye protection,face protection
P308+P313 - If exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | GHS-US classification |
|--|-----------------------|--------------|--|
| Talc | (CAS No) 14807-96-6 | 39.72 - 66.2 | Not classified |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer | (CAS No) 25085-99-8 | 10 - 30 | Not classified |
| GMP-800 | (CAS No) Trade Secret | 10 - 30 | Not classified |
| Dolomite | (CAS No) 16389-88-1 | 3.31 - 6.62 | Not classified |
| Magnesium Carbonate | (CAS No) 546-93-0 | 0.662 - 3.31 | Not classified |
| Quartz | (CAS No) 14808-60-7 | 0.662 - 3.31 | Acute Tox. 4 (Oral), H302 Carc. 1A, H350 |
| 2,4,6-Tris (Dimethylaminomethyl) Phenol | (CAS No) 90-72-2 | > 1.805 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 |
| Electronic Grade Resin | (CAS No) 28064-14-4 | 1 - 5 | Not classified |

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name | Product identifier | % | GHS-US classification |
|------------------------------|--------------------|---------|--|
| Aluminium Powder, Stabilized | (CAS No) 7429-90-5 | 1 - 5 | Flam. Sol. 1, H228 Water-react. 2, H261 |
| Carbon Black | (CAS No) 1333-86-4 | < 1 | Carc. 2, H351 |
| DMP-30 | | < 0.095 | Not classified |

The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

- Symptoms/injuries : If you feel unwell, seek medical advice.
- Symptoms/injuries after inhalation : May cause cancer by inhalation.
- Symptoms/injuries after skin contact : May cause slight irritation.
- Symptoms/injuries after eye contact : May cause slight eye irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

- Protective equipment : Safety glasses. Gloves.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Keep in tubing if not used.
- Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions . Do not handle until all safety precautions have been read and understood.

Hygiene measures

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

: Comply with applicable regulations.

Storage conditions

: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products

: Strong bases. Strong acids.

Incompatible materials

: Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Carbon Black (1333-86-4) | | |
|---|------------------------|---|
| USA ACGIH | ACGIH TWA (mg/m³) | 3 mg/m³ (Carbon black; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction) |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) | | |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ |
| Aluminium Powder, Stabilized (7429-90-5) | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 1 mg/m³ (Aluminium, Metal; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |
| Talc (14807-96-6) | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 2 mg/m³ (Talc (containing no asbestos fibers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica; Talc (containing asbestos fibers); 0.1 fibers/cm³; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fibers: length > 5 µm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination) |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 2 mg/m³ |
| Dolomite (16389-88-1) | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 3 mg/m³ (Particulates (insoluble or poorly soluble)(NOS); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |
| Magnesium Carbonate (546-93-0) | | |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ |
| Quartz (14808-60-7) | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 0.025 mg/m³ |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 0.1 mg/m³ |

8.2. Exposure controls

Appropriate engineering controls : Local exhaust ventilation, vent hoods . Ensure good ventilation of the work station.

Personal protective equipment : Avoid all unnecessary exposure. Gloves. Safety glasses.



QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|----------------------------|---|
| Hand protection | : Wear protective gloves. |
| Eye protection | : Chemical goggles or safety glasses. |
| Skin and body protection | : Wear suitable protective clothing. |
| Respiratory protection | : Wear appropriate mask. |
| Consumer exposure controls | : Avoid contact during pregnancy/while nursing. |
| Other information | : Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|----------------------------|
| Physical state | : Solid |
| Appearance | : Cylindrical Putty Stick. |
| Color | : Silver. |
| Odor | : Pungent. |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : > 100 °C |
| Flash point | : > 100 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : 1.7 |
| Solubility | : No data available |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

| | |
|-----------------|---|
| LD50 oral rat | 1200 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 2169 mg/kg bodyweight; Rat; Experimental value) |
| LD50 dermal rat | > 2000 mg/kg (Rat; Literature study; Other; >1 ml/kg; Rat; Experimental value) |

GMP-800 (Trade Secret)

| | |
|--------------------|-------------|
| LD50 oral rat | 2.6 g/kg |
| LD50 dermal rabbit | > 10.2 g/kg |

Carbon Black (1333-86-4)

| | |
|--------------------|---|
| LD50 oral rat | > 8000 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value) |
| LD50 dermal rabbit | > 3000 mg/kg (Rabbit) |

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

| | |
|--------------------|----------------------|
| LD50 oral rat | > 5000 mg/kg (Rat) |
| LD50 dermal rabbit | 20000 mg/kg (Rabbit) |

Aluminium Powder, Stabilized (7429-90-5)

| | |
|----------------------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 888 mg/m³ |

Quartz (14808-60-7)

| | |
|---------------|-----------|
| LD50 oral rat | 500 mg/kg |
|---------------|-----------|

Electronic Grade Resin (28064-14-4)

| | |
|---------------|------------|
| LD50 oral rat | 4000 mg/kg |
|---------------|------------|

Skin corrosion/irritation

: Not classified

Serious eye damage/irritation

: Not classified

Respiratory or skin sensitization

: Not classified

Germ cell mutagenicity

: Not classified Based on available data, the classification criteria are not met

Carcinogenicity

: May cause cancer.

Carbon Black (1333-86-4)

| | |
|------------|----|
| IARC group | 2B |
|------------|----|

Talc (14807-96-6)

| | |
|------------|---|
| IARC group | 3 |
|------------|---|

Quartz (14808-60-7)

| | |
|------------|---|
| IARC group | 1 |
|------------|---|

Reproductive toxicity

: Not classified

Specific target organ toxicity (single exposure)

: Not classified

Specific target organ toxicity (repeated exposure)

: Not classified

Aspiration hazard

: Not classified

Potential Adverse human health effects and symptoms

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

Symptoms/injuries after inhalation

: May cause cancer by inhalation.

Symptoms/injuries after skin contact

: May cause slight irritation.

Symptoms/injuries after eye contact

: May cause slight eye irritation.

Symptoms/injuries after ingestion

: May be harmful if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

| | |
|-------------------------|---|
| EC50 Daphnia 2 | 41.3 mg/l (LC50; 48 h; Daphnia magna) |
| Threshold limit algae 2 | 84 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value) |

GMP-800 (Trade Secret)

| | |
|-------------|------------|
| LC50 fish 1 | > 100 mg/l |
|-------------|------------|

Carbon Black (1333-86-4)

| | |
|----------------|---|
| LC50 fish 1 | > 1000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio) |
| EC50 Daphnia 1 | > 5600 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 24 h; Daphnia magna; Static system; Fresh water) |
| LC50 fish 2 | 1000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio; Semi-static system; Fresh water; Experimental value) |

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Carbon Black (1333-86-4)

| | |
|-------------------------|--|
| Threshold limit algae 1 | > 10000 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value) |
|-------------------------|--|

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

| | |
|----------------|---|
| LC50 fish 1 | 3.1 mg/l 96 Hours Freshwater Fish (Pimephales promelas) |
| EC50 Daphnia 1 | 1.4 mg/l 48 Hours |

Talc (14807-96-6)

| | |
|-------------|---|
| LC50 fish 1 | > 100 g/l (LC50; 24 h; Brachydanio rerio) |
|-------------|---|

12.2. Persistence and degradability

QUIKSTEEL ALUMINUM PUTTY CARD US

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

| | |
|-------------------------------|--|
| Persistence and degradability | Not readily biodegradable in water. Highly mobile in soil. Low potential for adsorption in soil. |
|-------------------------------|--|

DMP-30

| | |
|-------------------------------|--|
| Persistence and degradability | Biodegradability in soil: no data available. |
|-------------------------------|--|

GMP-800 (Trade Secret)

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

Carbon Black (1333-86-4)

| | |
|-------------------------------|---|
| Persistence and degradability | Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil. Not established. |
|-------------------------------|---|

| | |
|------|----------------|
| ThOD | Not applicable |
|------|----------------|

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

Aluminium Powder, Stabilized (7429-90-5)

| | |
|-------------------------------|--|
| Persistence and degradability | Biodegradability: not applicable. Adsorbs into the soil. |
|-------------------------------|--|

| | |
|---------------------------------|----------------|
| Biochemical oxygen demand (BOD) | Not applicable |
|---------------------------------|----------------|

| | |
|------------------------------|----------------|
| Chemical oxygen demand (COD) | Not applicable |
|------------------------------|----------------|

| | |
|------|----------------|
| ThOD | Not applicable |
|------|----------------|

Talc (14807-96-6)

| | |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
|-------------------------------|-----------------------------------|

| | |
|---------------------------------|----------------|
| Biochemical oxygen demand (BOD) | Not applicable |
|---------------------------------|----------------|

| | |
|------------------------------|----------------|
| Chemical oxygen demand (COD) | Not applicable |
|------------------------------|----------------|

| | |
|------|----------------|
| ThOD | Not applicable |
|------|----------------|

Dolomite (16389-88-1)

| | |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
|-------------------------------|-----------------------------------|

| | |
|---------------------------------|----------------|
| Biochemical oxygen demand (BOD) | Not applicable |
|---------------------------------|----------------|

| | |
|------------------------------|----------------|
| Chemical oxygen demand (COD) | Not applicable |
|------------------------------|----------------|

| | |
|------|----------------|
| ThOD | Not applicable |
|------|----------------|

Magnesium Carbonate (546-93-0)

| | |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
|-------------------------------|-----------------------------------|

| | |
|---------------------------------|----------------|
| Biochemical oxygen demand (BOD) | Not applicable |
|---------------------------------|----------------|

| | |
|------------------------------|----------------|
| Chemical oxygen demand (COD) | Not applicable |
|------------------------------|----------------|

| | |
|------|----------------|
| ThOD | Not applicable |
|------|----------------|

Quartz (14808-60-7)

| | |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
|-------------------------------|-----------------------------------|

| | |
|---------------------------------|----------------|
| Biochemical oxygen demand (BOD) | Not applicable |
|---------------------------------|----------------|

| | |
|------------------------------|----------------|
| Chemical oxygen demand (COD) | Not applicable |
|------------------------------|----------------|

| | |
|------|----------------|
| ThOD | Not applicable |
|------|----------------|

Electronic Grade Resin (28064-14-4)

| | |
|-------------------------------|--|
| Persistence and degradability | Biodegradability in soil: no data available. |
|-------------------------------|--|

12.3. Bioaccumulative potential

QUIKSTEEL ALUMINUM PUTTY CARD US

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

| | |
|---------|--|
| Log Pow | 0.77 (Literature; 0.219; Experimental value; Equivalent or similar to OECD 107; 21.5 °C) |
|---------|--|

| | |
|---------------------------|--|
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
|---------------------------|--|

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DMP-30

| | |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

GMP-800 (Trade Secret)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

Carbon Black (1333-86-4)

| | |
|---------------------------|---------------------------------------|
| Bioaccumulative potential | Not bioaccumulative. Not established. |
|---------------------------|---------------------------------------|

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

Aluminium Powder, Stabilized (7429-90-5)

| | |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

Talc (14807-96-6)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

Dolomite (16389-88-1)

| | |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

Magnesium Carbonate (546-93-0)

| | |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

Electronic Grade Resin (28064-14-4)

| | |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

12.4. Mobility in soil

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

| | |
|---------|--|
| Log Koc | Koc, SRC PCKOCWIN v2.0; 20.98; QSAR; log Koc; 1.32; Calculated value |
|---------|--|

Carbon Black (1333-86-4)

| | |
|----------------|--|
| Ecology - soil | Not toxic to plants. Not toxic to animals. |
|----------------|--|

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): Not Regulated,

ICAO/IATA (air): Not Regulated,

IMO/IMDG (water): Not Regulated,

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 15: Regulatory information

15.1. US Federal regulations

| QUIKSTEEL ALUMINUM PUTTY CARD US | |
|--|--|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Delayed (chronic) health hazard |
| GMP-800 (Trade Secret) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Carbon Black (1333-86-4) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
| Electronic Grade Resin (28064-14-4) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |

15.2. International regulations

CANADA

| | |
|--|---|
| GMP-800 (Trade Secret) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| Carbon Black (1333-86-4) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Electronic Grade Resin (28064-14-4) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

EU-Regulations

| | |
|--|--|
| GMP-800 (Trade Secret) | |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) | |
| Carbon Black (1333-86-4) | |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) | |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) | |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) | |
| Electronic Grade Resin (28064-14-4) | |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) | |

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11
F; R15
R52/53

Full text of R-phrases: see section 16

15.2.2. National regulations

| | |
|---|--|
| GMP-800 (Trade Secret) | |
| Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) | |
| Listed on the AICS (Australian Inventory of Chemical Substances) | |
| Listed on the Korean ECL (Existing Chemicals List) | |
| Carbon Black (1333-86-4) | |
| Listed on the AICS (Australian Inventory of Chemical Substances) | |
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) | |
| Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) | |
| Listed on NZIoC (New Zealand Inventory of Chemicals) | |
| Listed on KECI (Korean Existing Chemicals Inventory) | |
| Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory | |
| Listed on the Korean ECL (Existing Chemicals List) | |

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on NZIoC (New Zealand Inventory of Chemicals)

Electronic Grade Resin (28064-14-4)

Listed on the Korean ECL (Existing Chemicals List)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)

15.3. US State regulations

QUIKSTEEL ALUMINUM PUTTY CARD US

| | |
|---|---|
| U.S. - California - Proposition 65 - Carcinogens List | No |
| U.S. - California - Proposition 65 - Developmental Toxicity | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No |
| State or local regulations | U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL) |

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

DMP-30

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

GMP-800 (Trade Secret)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | Yes | Yes | |

Carbon Black (1333-86-4)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes | No | No | No | |

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

Aluminium Powder, Stabilized (7429-90-5)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Talc (14807-96-6)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

Dolomite (16389-88-1)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

Magnesium Carbonate (546-93-0)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

Quartz (14808-60-7)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

Electronic Grade Resin (28064-14-4)

| | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

GMP-800 (Trade Secret)

State or local regulations

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

Carbon Black (1333-86-4)

State or local regulations

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Massachusetts - Right To Know List

SECTION 16: Other information

Indication of changes

: Revision - See : *.

Other information

: None.

Full text of H-phrases:

| | |
|------|--|
| H228 | Flammable solid |
| H261 | In contact with water releases flammable gases |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H350 | May cause cancer |
| H351 | Suspected of causing cancer |

NFPA health hazard

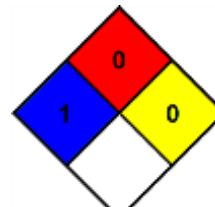
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



QUIKSTEEL ALUMINUM PUTTY CARD US

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

| | |
|---------------------|--|
| Health | : 1 Slight Hazard - Irritation or minor reversible injury possible |
| Flammability | : 0 Minimal Hazard |
| Physical | : 0 Minimal Hazard |
| Personal Protection | : B |

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.