

## TPE-SEBS 1300 85A black, TPE-SEBS 1300 95A black

Version number: 2.0

### SECTION 1: Identification

#### 1.1 Product identifier

**Trade name** TPE-SEBS 1300 85A black, TPE-SEBS 1300 95A black

**CAS number** not relevant (mixture)

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

**Relevant identified uses** Filament

#### 1.3 Details of the supplier of the safety data sheet

**Jabil Inc.** Telephone: 612 225-2692

102 N Jonathan Blvd  
Chaska, Minnesota, MN 55318  
United States

**e-mail (competent person)** GHS@crc-us.com

#### 1.4 Emergency telephone number

| Poison center |                          |                 |
|---------------|--------------------------|-----------------|
| Country       | Name                     | Telephone       |
|               | CHEMTREC (International) | +1 202-483-7616 |
| United States | CHEMTREC<br>USA          | (800) 424-9300  |

As above or next toxicological information centre.

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Classification |                 |          |                           |                  |
|----------------|-----------------|----------|---------------------------|------------------|
| Section        | Hazard class    | Category | Hazard class and category | Hazard statement |
| A.6            | carcinogenicity | 1A       | Carc. 1A                  | H350             |

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For full text of abbreviations: see SECTION 16

## 2.2 Label elements

**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

**Signal word** danger

**Pictograms**

**GHS08**



**Hazard statements**

**H350** May cause cancer.

**Precautionary statements**

**P201** Obtain special instructions before use.

**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 in accordance with local/regional/national/international regulations.

**Hazardous ingredients for labelling** quartz

## 2.3 Other hazards

There is no additional information.

**Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.


## SECTION 3: Composition/information on ingredients

### 3.1 Substances


Not relevant (mixture).

### 3.2 Mixtures

**Description of the mixture** Thermoplastic elastomer with additives

| Hazardous ingredients |                     |           |                                |   |             |                       |           |
|-----------------------|---------------------|-----------|--------------------------------|---|-------------|-----------------------|-----------|
| Name of substance     | Identifier          | Wt%       | Classification acc. to GHS     | Pictograms  | Notes       | Specific Conc. Limits | M-Factors |
| carbon black          | CAS No<br>1333-86-4 | 0,1 - < 1 | Carc. 2 / H351<br>cD / OSHA003 |  | IARC:<br>2B |                       |           |

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| Hazardous ingredients |                      |           |                                     |   |                  |                       |           |
|-----------------------|----------------------|-----------|-------------------------------------|---|------------------|-----------------------|-----------|
| Name of substance     | Identifier           | Wt%       | Classification acc. to GHS          | Pictograms  | Notes            | Specific Conc. Limits | M-Factors |
| quartz                | CAS No<br>14808-60-7 | 0.1 - < 1 | Carc. 1A / H350<br>STOT RE 1 / H372 |  | IARC: 1<br>IOELV |                       |           |

## Notes

IARC: 1: IARC group 1: carcinogenic to humans (International Agency for Research on Cancer)

IARC: IARC group 2B: possibly carcinogenic to humans (International Agency for Research on Cancer)  
2B:

IOELV: Substance with a community indicative occupational exposure limit value

The specific exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

Take off immediately all contaminated clothing.

In all cases of doubt, or when symptoms persist, seek medical advice.

#### Following inhalation

Provide fresh air.

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

#### Following skin contact

Rinse skin with water/shower.

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

#### Following eye contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical advice/attention.

#### Following ingestion

Rinse mouth. Do not induce vomiting.

Get medical advice/attention.

#### Notes for the doctor

None.

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

These information are not available.

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

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None.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

water, foam, alcohol resistant foam, fire extinguishing powder

#### Unsuitable extinguishing media

water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Section 10.

Deposited combustible dust has considerable explosion potential.

#### Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Coordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

#### Special protective equipment for firefighters

self-contained breathing apparatus (SCBA)

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Control of dust.

Eliminate all ignition sources if safe to do so.

Do not breathe dust.

Do not get in eyes, on skin, or on clothing.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water.

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Retain contaminated washing water and dispose of it.

## 6.3 Methods and material for containment and cleaning up

### Advice on how to contain a spill

Take up mechanically.

### Advice on how to clean up a spill

Take up mechanically.

Collect spillage.

### Other information relating to spills and releases

Place in appropriate containers for disposal.

Ventilate affected area.

## 6.4 Reference to other sections

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

#### Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room.

#### Measures to protect the environment

Avoid release to the environment.

#### Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.

Remove contaminated clothing and protective equipment before entering eating areas.

Do not breathe dust.

Do not get in eyes, on skin, or on clothing.

Wash hands thoroughly after handling.

Preventive skin protection (barrier creams/ointments) is recommended.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Explosive atmospheres

Removal of dust deposits.

#### Flammability hazards

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Keep away from sources of ignition - No smoking.

### Incompatible substances or mixtures

Incompatible materials: see section 10.

### Protect against external exposure, such as

heat

### Consideration of other advice

Keep away from food, drink and animal feedingstuffs.

### Ventilation requirements

Provision of sufficient ventilation.

### Packaging compatibilities

Keep only in original container.

## 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |   |           |            |           |                          |            |                           |                      |                  |
|--|---|-----------|------------|-----------|--------------------------|------------|---------------------------|----------------------|------------------|
| Country  | Name of agent   | CAS No    | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Notation             | Source           |
| US   | Particulates not otherwise regulated                                |           | PEL (CA)   |           | 10                       |            |                           | dust                 | Cal/OSHA PEL     |
| US   | Particulates not otherwise regulated                                |           | PEL (CA)   |           | 5                        |            |                           | r                    | Cal/OSHA PEL     |
| US   | particulates not otherwise classified                               |           | REL        |           |                          |            |                           | appx-D               | NIOSH REL        |
| US   | particulates not otherwise classified (PNOC)                        |           | PEL        | 1,766     | 15                       |            |                           | i, dust              | 29 CFR 1910.1000 |
| US   | particulates not otherwise classified (PNOC)                        |           | PEL        | 529.5     | 5                        |            |                           | partml, r, dust      | 29 CFR 1910.1000 |
| US   | Carbon black in presence of polycyclic aromatic hydrocarbons (PAHs) | 1333-86-4 | REL        |           | 0.1 (10 h)               |            |                           | PAHs, appx-A, appx-C | NIOSH REL        |

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| <b>Occupational exposure limit values (Workplace Exposure Limits)</b> |                              |            |            |           |                          |            |                           |                           |                  |
|---|------------------------------|------------|------------|-----------|--------------------------|------------|---------------------------|---------------------------|------------------|
| Country   | Name of agent                | CAS No     | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Notation                  | Source           |
| US  | carbon black                 | 1333-86-4  | PEL (CA)   |           | 3.5                      |            |                           |                           | Cal/OSHA PEL     |
| US  | carbon black                 | 1333-86-4  | PEL        |           | 3.5                      |            |                           |                           | 29 CFR 1910.1000 |
| US  | carbon black                 | 1333-86-4  | REL        |           | 3.5 (10 h)               |            |                           | appx-A, appx-C            | NIOSH REL        |
| US  | talc                         | 14807-96-6 | PEL (CA)   | 1         |                          |            |                           | +asb, fib/cm <sup>3</sup> | Cal/OSHA PEL     |
| US  | talc                         | 14807-96-6 | PEL        |           | 0.1                      |            | 1 (30 min)                | no_asb, fib/ml            | 29 CFR 1910.1000 |
| US  | talc                         | 14807-96-6 | PEL (CA)   |           | 2                        |            |                           | no_asb, r, less1silica    | Cal/OSHA PEL     |
| US  | talc                         | 14807-96-6 | PEL        | 706       |                          |            |                           | partml, noAsb_less1Sil, r | 29 CFR 1910.1000 |
| US  | talc                         | 14807-96-6 | REL        |           | 2 (10 h)                 |            |                           | r, less1silica, no_asb    | NIOSH REL        |
| US  | quartz                       | 14808-60-7 | PEL (CA)   |           | 0.05                     |            |                           | r                         | Cal/OSHA PEL     |
| US  | silica, crystalline - quartz | 14808-60-7 | PEL        |           | 0.05                     |            |                           | r                         | 29 CFR 1910.1000 |
| US  | silica, crystalline - quartz | 14808-60-7 | REL        |           | 0.05 (10 h)              |            |                           | r, appx-A                 | NIOSH REL        |

### Notation

|                     |  |
|---------------------|--|
| +asb                | containing asbestos fibers                           |
| appx-A              | NIOSH Potential Occupational Carcinogen (Appendix A) |
| appx-C              | Appendix C - Supplementary Exposure Limits           |
| appx-D              | see Appendix D - Substances with No Established RELs |
| dust                | as dust  |
| fib/cm <sup>3</sup> | fibers/cm <sup>3</sup>                               |
| fib/ml              | fibers/ml  |
| i                   | inhalable fraction                                   |
| less1silica         | with less than 1 % free crystalline silica           |
| no_asb              | containing no asbestos fibers                        |

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## Notation

noAsb\_less contains no asbestos and less than 1% free crystalline silica

1Sil

PAHs as polycyclic aromatic hydrocarbons (PAHs)

partml particles/ml

r respirable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

| Relevant DNELs of components of the mixture |           |           |                        |                                    |                               |                            |
|---|-----------|-----------|------------------------|------------------------------------|-------------------------------|----------------------------|
| Name of substance                           | CAS No    | End-point | Threshold level        | Protection goal, route of exposure | Used in                       | Exposure time              |
| carbon black                                | 1333-86-4 | DNEL      | 1 mg/m <sup>3</sup>    | human, inhalatory                  | worker (industry)             | chronic - systemic effects |
| carbon black                                | 1333-86-4 | DNEL      | 0.5 mg/m <sup>3</sup>  | human, inhalatory                  | worker (industry)             | chronic - local effects    |
| carbon black                                | 1333-86-4 | DNEL      | 0.06 mg/m <sup>3</sup> | human, inhalatory                  | consumer (private households) | chronic - systemic effects |

| Relevant PNECs of components of the mixture |           |          |                 |                           |
|---|-----------|----------|-----------------|---------------------------|
| Name of substance                           | CAS No    | Endpoint | Threshold level | Environmental compartment |
| carbon black                                | 1333-86-4 | PNEC     | 1 mg/l          | freshwater                |
| carbon black                                | 1333-86-4 | PNEC     | 0.1 mg/l        | marine water              |

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.



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## Hand protection

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

## Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Particulate filter device (EN 143).

## Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                |                                     |
|----------------|-------------------------------------|
| Physical state | solid                               |
| Form           | solid matter                        |
| Color          | black                               |
| Odor           | characteristic                      |
| Odor threshold | these information are not available |

#### Other safety parameters

|   |   |
|---|---|
| pH (value)                              | these information are not available                       |
| Melting point/freezing point            | these information are not available                       |
| Initial boiling point and boiling range | these information are not available                       |
| Flash point                             | not applicable  |
| Evaporation rate                        | these information are not available                       |
| Flammability (solid, gas)               | this material is combustible, but will not ignite readily |
| Explosion limits of dust clouds         | not determined  |
| Vapor pressure                          | these information are not available                       |
| Density                                 | these information are not available                       |
| Vapor density                           | these information are not available                       |

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|                              |                                      |
|------------------------------|--------------------------------------|
| Relative density             | these information are not available  |
| <b>Solubility(ies)</b>       |                                      |
| Water solubility             | insoluble                            |
| <b>Partition coefficient</b> |                                      |
| n-octanol/water (log KOW)    | these information are not available  |
| Auto-ignition temperature    | not relevant<br>(Solid matter)       |
| Decomposition temperature    | these information are not available  |
| <b>Viscosity</b>             |                                      |
| Kinematic viscosity          | not relevant<br>(solid matter)       |
| Dynamic viscosity            | not relevant<br>(solid matter)       |
| Explosive properties         | not explosive                        |
| Oxidizing properties         | shall not be classified as oxidizing |

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

### 10.5 Incompatible materials

oxidizers

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## 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Classification procedure

If not otherwise specified the classification is based on:  
Ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

#### Acute toxicity

| Acute toxicity of components of the mixture |           |                |          |               |         |                    |
|---|-----------|----------------|----------|---------------|---------|--------------------|
| Name of substance                           | CAS No    | Exposure route | Endpoint | Value         | Species | Method             |
| carbon black                                | 1333-86-4 | oral           | LD50     | >10,000 mg/kg | rat     | OECD Guideline 401 |
| carbon black                                | 1333-86-4 | dermal         | LD50     | >3,000 mg/kg  | rabbit  |                    |

#### Skin corrosion/irritation

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

#### Serious eye damage/eye irritation

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

#### Respiratory or skin sensitization

##### Skin sensitization

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Respiratory sensitization

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

#### Germ cell mutagenicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

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## Carcinogenicity

May cause cancer.

## IARC Monographs

| IARC Monographs on the Evaluation of Carcinogenic Risks to Humans |            |                |                                       |        |
|---|------------|----------------|---------------------------------------|--------|
| Name of substance   | CAS No     | Classification | Remarks                               | Number |
| quartz  | 14808-60-7 | 1              | in the form of quartz or cristobalite |        |
| carbon black  | 1333-86-4  | 2B             |                                       |        |

### Legend

- 1            Carcinogenic to humans  
2B          Possibly carcinogenic to humans

## National Toxicology Program (United States)

None of the ingredients are listed.

## OSHA Carcinogens

None of the ingredients are listed.

## Reproductive toxicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Specific target organ toxicity - single exposure

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Specific target organ toxicity - repeated exposure

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity (acute)

Test data are not available for the complete mixture.

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## Aquatic toxicity (acute) of components of the mixture

| Aquatic toxicity (acute) of components of the mixture |           |          |              |                                 |                    |               |
|---|-----------|----------|--------------|---------------------------------|--------------------|---------------|
| Name of substance                                     | CAS No    | Endpoint | Value        | Species                         | Method             | Exposure time |
| carbon black  | 1333-86-4 | ErC50    | >10,000 mg/l | algae (Desmodesmus subspicatus) | OECD Guideline 201 | 72 h          |
| carbon black  | 1333-86-4 | EC50     | >10,000 mg/l | algae (Desmodesmus subspicatus) | OECD Guideline 201 | 72 h          |
| carbon black  | 1333-86-4 | EC50     | >5,600 mg/l  | daphnia magna                   | OECD Guideline 202 | 24 h          |

## Aquatic toxicity (chronic)

Test data are not available for the complete mixture.

## Aquatic toxicity (chronic) of components of the mixture

| Aquatic toxicity (chronic) of components of the mixture |           |                        |              |   |                    |               |
|---|-----------|------------------------|--------------|---|--------------------|---------------|
| Name of substance                                       | CAS No    | Endpoint               | Value        | Species                                 | Method             | Exposure time |
| carbon black  | 1333-86-4 | NOEC                   | >10,000 mg/l | algae (Desmodesmus subspicatus)         | OECD Guideline 201 | 72 h          |
| carbon black  | 1333-86-4 | growth (EbCx) 10%      | >10,000 mg/l | algae (pseudokirchneriella subcapitata) | OECD Guideline 201 | 72 h          |
| carbon black  | 1333-86-4 | growth rate (ErCx) 10% | >10,000 mg/l | algae (pseudokirchneriella subcapitata) | OECD Guideline 201 | 72 h          |

## 12.2 Persistence and degradability

### Biodegradation

Data are not available.

### Persistence

Data are not available.

## 12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

## 12.4 Mobility in soil

Data are not available.

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## 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## 12.6 Other adverse effects

Data are not available.

### Remarks

Wassergefährdungsklasse, WGK (water hazard class): 1

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packages

Handle contaminated packages in the same way as the substance itself.

### Remarks

Please consider the relevant national or regional provisions.

## SECTION 14: Transport information

14.1 UN number not subject to transport regulations

14.2 UN proper shipping name -

14.3 Transport hazard class(es) -

14.4 Packing group -

14.5 Environmental hazards -

14.6 Special precautions for user -

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code -

### 14.8 Information for each of the UN Model Regulations

#### Transport of dangerous goods by road or rail (49 CFR US DOT)

Not subject to transport regulations.

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### National regulations (United States)

##### Superfund Amendment and Reauthorization Act (SARA TITLE III )

##### The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

##### Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

##### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

##### List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

##### Clean Air Act

none of the ingredients are listed

##### Right to Know Hazardous Substance List

##### Hazardous Substance List (NJ-RTK)

| Name of substance | CAS No     | Remarks | Classifications |
|-------------------|------------|---------|-----------------|
| quartz            | 14808-60-7 |         | CA.             |
| carbon black      | 1333-86-4  |         | CA.             |

##### Legend

CA Carcinogenic

##### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

| Proposition 65 List of chemicals |           |  |                      |
|----------------------------------|-----------|--|----------------------|
| Name acc. to inventory           | CAS No    | Remarks  | Type of the toxicity |
| carbon black                     | 1333-86-4 | airborne, unbound particles of respirable size | cancer               |

##### Industry or sector specific available guidance(s)

##### NPCA-HMIS® III

Hazardous Materials Identification System.  
American Coatings Association.

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| Category            | Rating | Description  |
|---------------------|--------|--|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure   |
| Health              | 0      | no significant risk to health  |
| Flammability        | 2      | material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur                                       |
| Physical hazard     | 0      | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | -      |  |

### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category       | Degree of hazard | Description  |
|----------------|------------------|--|
| Flammability   | 2                | material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur |
| Health         | 0                | material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material        |
| Instability    | 0                | material that is normally stable, even under fire conditions   |
| Special hazard |                  |  |

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

### SECTION 16: Other information, including date of preparation or last revision

Date of preparation: 2019-11-04

Date of last revision: 2020-02-19.

### Abbreviations and acronyms

| Abbreviations and acronyms |   |
|----------------------------|---|
| Abbr.                      | Descriptions of used abbreviations  |
| 29 CFR 1910.1000           | 29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits) |
| 49 CFR US DOT              | 49 CFR U.S. Department of Transportation  |
| Cal/OSHA PEL               | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)  |
| Carc.                      | Carcinogenicity   |
| CAS                        | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |



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| <b>Abbreviations and acronyms</b> |  |
|-----------------------------------|--|
| <b>Abbr.</b>                      | <b>Descriptions of used abbreviations</b>  |
| cD                                | Combustible dust   |
| DGR                               | Dangerous Goods Regulations (see IATA/DGR)   |
| DNEL                              | Derived No-Effect Level  |
| EC50                              | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval |
| ErC50                             | ≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control           |
| GHS                               | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations  |
| IARC                              | International Agency for Research on Cancer  |
| IARC Mono-graphs                  | IARC Monographs on the Evaluation of Carcinogenic Risks to Humans  |
| IATA                              | International Air Transport Association  |
| IATA/DGR                          | Dangerous Goods Regulations (DGR) for the air transport (IATA)   |
| IMDG                              | International Maritime Dangerous Goods Code  |
| LD50                              | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval   |
| MARPOL                            | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")  |
| NIOSH REL                         | National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)  |
| NOEC                              | No Observed Effect Concentration   |
| NPCA-HMIS® III                    | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition  |
| OSHA                              | Occupational Safety and Health Administration (United States)  |
| PBT                               | Persistent, Bioaccumulative and Toxic  |
| PEL                               | Permissible exposure limit   |
| PNEC                              | Predicted No-Effect Concentration  |
| ppm                               | Parts per million  |
| RTECS                             | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)  |
| STEL                              | Short-term exposure limit  |
| STOT RE                           | Specific target organ toxicity - repeated exposure   |
| TWA                               | Time-weighted average  |
| vPvB                              | Very Persistent and very Bioaccumulative   |

# TPE-SEBS 1300 85A black, TPE-SEBS 1300 95A black

## Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## List of relevant phrases (code and full text as stated in chapter 2 and 3)

| List of relevant phrases (code and full text as stated in chapter 2 and 3) |   |
|--|---|
| Code   | Text  |
| H350   | May cause cancer.   |
| H351   | Suspected of causing cancer.                                    |
| H372   | Causes damage to organs through prolonged or repeated exposure. |
| OSHA003  | May form combustible dust concentrations in air.                |

## Responsible for the safety data sheet

Chemical Regulatory Compliance Company Telephone: +1 (630) 410-1660  
Chicago, IL e-Mail: GHS@crc-us.com  
USA Website: www.crc-us.com

## Disclaimer

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