SECTION 1: Identification

1.1. Identification
Product form: Mixture
Product name: BLACK CONDUCTIVE PRIMER
Product code: 34980

1.2. Recommended use and restrictions on use
Recommended use: Coatings and paints

1.3. Supplier

1.4. Emergency telephone number
Emergency number: (800) 424-9300 Chemtrec 24 Hour Emergency Telephone Number

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Carcinogenicity Category 2 H351 Suspected of causing cancer
Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Warning
Hazard statements (GHS-US): H351 - Suspected of causing cancer
Precautionary statements (GHS-US):
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, eye protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification
Other hazards not contributing to the classification: None under normal conditions.

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK</td>
<td>(CAS-No.) 1333-86-4</td>
<td>12.2</td>
<td>Carc. 2, H351</td>
</tr>
</tbody>
</table>
SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Wash skin with plenty of water.
First-aid measures after eye contact: Rinse eyes with water as a precaution.
First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media


5.2. Specific hazards arising from the chemical

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8 "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>CARBON BLACK (1333-86-4)</th>
<th>ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
<th>3 mg/m³ (inhalable particulate matter)</th>
</tr>
</thead>
</table>

07/20/2018 EN (English US) 2/6
BLACK CONDUCTIVE PRIMER
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>CARBON BLACK (1333-86-4)</th>
<th>OSHA</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>3.5 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IDLH</td>
<td>US IDLH (mg/m³)</td>
<td>1750 mg/m³</td>
</tr>
<tr>
<td></td>
<td>NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>3.5 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.1 mg/m³ (Carbon black in presence of Polycyclic aromatic hydrocarbons)</td>
</tr>
</tbody>
</table>

8.2. **Appropriate engineering controls**

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. **Individual protection measures/Personal protective equipment**

**Personal protective equipment:**

**Hand protection:**
Protective gloves

**Eye protection:**
Safety glasses

**Skin and body protection:**
Wear suitable protective clothing

**Respiratory protection:**
In case of insufficient ventilation, wear suitable respiratory equipment.

**Personal protective equipment symbol(s):**

![Symbols for protection equipment]

**SECTION 9: Physical and chemical properties**

9.1. **Information on basic physical and chemical properties**

Physical state : Liquid
Color : Black.
Odor : faint
Odor threshold : No data available
pH : 8.3 - 8.8
Melting point : Not applicable
Freezing point : < 0 °F
Boiling point : > 100 °C
Flash point : NA
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : Not applicable.
Vapor pressure : No data available
Relative vapor density at 20 °C : No data available
Specific gravity : 1.06
Specific gravity / density : 8.88 lb/gal
Solubility : No data available
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified

CARBON BLACK (1333-86-4)

LD50 oral rat : > 15400 mg/kg

Skin corrosion/irritation : Not classified
pH: 8.3 - 8.8

Serious eye damage/irritation : Not classified
pH: 8.3 - 8.8

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

CARBON BLACK (1333-86-4)

IARC group : 2B - Possibly Carcinogenic to Humans

In OSHA Hazard Communication Carcinogen list : Yes

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods
Waste treatment methods: Dispose of contents/container in accordance with licensed collector’s sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not applicable

Transportation of Dangerous Goods
Not applicable

Transport by sea
Not applicable

Air transport
Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

CARBON BLACK (1333-86-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

CARBON BLACK (1333-86-4)
Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

CARBON BLACK (1333-86-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on European List of Notified Chemical Substances (ELINCS)

National regulations
## Black Conductive Primer

### Safety Data Sheet

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

<table>
<thead>
<tr>
<th>CARBON BLACK (1333-86-4)</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Listed on the AICS (the Australian Inventory of Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Listed on Inventory of Existing Chemical Substances (IECSC)</td>
<td></td>
</tr>
<tr>
<td>Listed on the Japanese ENCS (Existing &amp; New Chemicals Substances) inventory.</td>
<td></td>
</tr>
<tr>
<td>Listed on Industrial Safety and Health Law Substances (ISHL)</td>
<td></td>
</tr>
<tr>
<td>Listed on the Korean ECL (Existing Chemical List) inventory.</td>
<td></td>
</tr>
<tr>
<td>Listed on New Zealand - Inventory of Chemicals (NZIoC)</td>
<td></td>
</tr>
<tr>
<td>Listed on Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td></td>
</tr>
<tr>
<td>Listed on INSQ (Mexican National Inventory of Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Listed on CICR (Turkish Inventory and Control of Chemicals)</td>
<td></td>
</tr>
<tr>
<td>Listed on the TCSI (Taiwan Chemical Substance Inventory)</td>
<td></td>
</tr>
</tbody>
</table>

### 15.3. US State regulations

**WARNING**

This product can expose you to CARBON BLACK, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

#### CARBON BLACK (1333-86-4)

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

#### CARBON BLACK (1333-86-4)

<table>
<thead>
<tr>
<th>U.S. - Massachusetts - Right To Know List</th>
<th>U.S. - New Jersey - Right to Know Hazardous Substance List</th>
<th>U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances</th>
<th>U.S. - Pennsylvania - RTK (Right to Know) List</th>
</tr>
</thead>
</table>

### SECTION 16: Other information

Revision date : 05/09/2018

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H351</th>
<th>Suspected of causing cancer</th>
</tr>
</thead>
</table>

Hazard Rating

<table>
<thead>
<tr>
<th>Health</th>
<th>1 Slight Hazard - Irritation or minor reversible injury possible</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>* Chronic (long-term) health effects may result from repeated overexposure</td>
</tr>
</tbody>
</table>

Flammability

<table>
<thead>
<tr>
<th>1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)</th>
</tr>
</thead>
</table>

Physical

<table>
<thead>
<tr>
<th>0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.</th>
</tr>
</thead>
</table>

Personal protection

<table>
<thead>
<tr>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>E - Safety glasses, Gloves, Dust respirator</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

Supplier urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to understand the data contained in this SDS and any hazards associated with the product. This information is provided as a resource only and should not be taken as a warranty or representation for which Supplier assumes legal responsibility. Unless otherwise specified, the data provided herein is valid only for the described material and may not be applicable for the product used in combination with any other materials or processes. The information contained within is believed to be accurate as of the effective date and compiled from sources believed to be reliable. The user assumes all responsibility of using and handling the product in accordance with applicable federal, state and local regulations.