

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : 20-2366RFRBK

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Potting compound  
Restrictions on use : Not to be used for any purpose other than the one the product was designed for

#### 1.4. Supplier's details

Epoxies, Etc.  
21 Starline Way  
Cranston, RI 02921  
USA  
T 401-946-5564  
[www.epoxies.com](http://www.epoxies.com)

#### 1.5. Emergency phone number

Emergency number : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. Label elements

##### GHS US labeling

No labeling applicable

#### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

#### 2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Harmful dust may be released during cutting, milling or grinding process.

#### 2.5. Unknown acute toxicity

No additional information available

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name         | Product identifier | %        | GHS US classification |
|--------------|--------------------|----------|-----------------------|
| Carbon black | CAS-No.: 1333-86-4 | 0.1 - 1* | Carc. 2, H351         |

Comments : Components not listed are either non-hazardous or are below reportable limits.  
\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret  
This product contains Carbon Black, which is suspected of causing cancer when inhaled in fine particulate form. Carbon Black should not be respirable in this formulation.

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
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.  
Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : None under normal conditions.  
Symptoms/effects after eye contact : None under normal conditions.  
Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

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

### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6 Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

##### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area.

##### 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".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.  
Environmental precautions : Avoid release to the environment.

#### 6.2. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

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. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.  
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Store always product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

| Carbon black (1333-86-4)                   |  |
|--|--|
| USA - ACGIH - Occupational Exposure Limits |  |
| Local name                                 | Carbon black (*Not a respirable hazard as contained in this liquid mixture)                          |
| ACGIH® TLV® TWA                            | 3 mg/m³ (I - Inhalable particulate matter)   |
| Remark (ACGIH)                             | TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference                       | ACGIH 2025   |

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### Carbon black (1333-86-4)

#### USA - OSHA - Occupational Exposure Limits

|                                |   |
|--------------------------------|---|
| Local name                     | Carbon black (*Not a respirable hazard as contained in this liquid mixture) |
| OSHA PEL TWA                   | 3.5 mg/m <sup>3</sup>   |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1  |

### 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, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Neoprene or nitrile rubber gloves. Butyl-rubber protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Refer to manufacturer's information. Gloves must be replaced after each use and whenever signs of wear or perforation appear

#### 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):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|   |                                      |
|---|--------------------------------------|
| Physical state                                  | : Liquid                             |
| Color   | : According to product specification |
| Odor  | : Mild odour                         |
| Odor threshold                                  | : No data available                  |
| pH  | : No data available                  |
| Melting point                                   | : Not applicable                     |
| Freezing point                                  | : No data available                  |
| Boiling point                                   | : No data available                  |
| Flash point                                     | : No data available                  |
| Flammability (solid, gas)                       | : Not applicable.                    |
| Vapor pressure                                  | : No data available                  |
| Relative vapor density at 20°C                  | : No data available                  |
| Relative density                                | : No data available                  |
| Solubility                                      | : No data available                  |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                  |

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|                           |                     |
|---------------------------|---------------------|
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic      | : No data available |
| Explosion limits          | : No data available |
| Particle characteristics  | : No data available |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

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 (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Carbon black (1333-86-4) |                           |
|--------------------------|---------------------------|
| LD50 oral rat            | > 8000 mg/kg Source: ECHA |
| LD50 oral                | 8000 mg/kg                |
| LD50 dermal rabbit       | > 8000 mg/kg Source: ECHA |
| ATE US (oral)            | 8000 mg/kg body weight    |

|                           |                  |
|---------------------------|------------------|
| Skin corrosion/irritation | : Not classified |
|---------------------------|------------------|

| Carbon black (1333-86-4) |                     |
|--------------------------|---------------------|
| pH                       | 4 – 10 (5 %, 20 °C) |

|                               |                  |
|-------------------------------|------------------|
| Serious eye damage/irritation | : Not classified |
|-------------------------------|------------------|

| Carbon black (1333-86-4) |                     |
|--------------------------|---------------------|
| pH                       | 4 – 10 (5 %, 20 °C) |

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Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

| Carbon black (1333-86-4) |  |
|--------------------------|--|
| Additional information   | *Not a respirable hazard as contained in this liquid mixture |
| IARC group               | 2B - Possibly carcinogenic to humans                         |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

| Carbon black (1333-86-4)                         |   |
|--|---|
| LOAEC (inhalation, rat, dust/mist/fume, 90 days) | 0.0071 mg/l air Animal: rat, Animal sex: male   |
| NOAEL (oral, rat, 90 days)                       | > 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEC (inhalation, rat, dust/mist/fume, 90 days) | 0.0011 mg/l air Animal: rat, Animal sex: male   |

Aspiration hazard : Not classified

| Carbon black (1333-86-4) |                        |
|--------------------------|------------------------|
| Viscosity, kinematic     | Not applicable (solid) |

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Carbon black (1333-86-4) |  |
|--------------------------|--|
| LC50 - Fish [1]          | > 1000 mg/l Source: NITE   |
| EC50 - Crustacea [1]     | > 5600 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |
| EC50 72h - Algae [1]     | > 10000 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)  |
| EC50 72h - Algae [2]     | > 10000 mg/l Test organisms (species):   |
| ErC50 algae              | > 10000 mg/l Source: EHCA  |

### 12.2. Persistence and degradability

| 20-2366RFRBK                  |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

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| Carbon black (1333-86-4)      |   |
|-------------------------------|---|
| Persistence and degradability | Biodegradability in soil: not applicable, Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable (inorganic)  |
| ThOD                          | Not applicable (inorganic)  |

### 12.3. Bioaccumulative potential

| Carbon black (1333-86-4)  |                      |
|---------------------------|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |

### 12.4. Mobility in soil

| Carbon black (1333-86-4) |  |
|--------------------------|--|
| Surface tension          | Not applicable (solid)   |
| Ecology - soil           | No (test)data on mobility of the substance available. Not toxic to plants. Not toxic to animals. |

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                    | TDG           | IMDG          | IATA          |
|--|---------------|---------------|---------------|
| 14.1. UN number                        |               |               |               |
| Not regulated for transport            |               |               |               |
| 14.2. Proper Shipping Name             |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es)       |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group                    |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards            |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated |
| No supplementary information available |               |               |               |

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### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

Not regulated

#### TDG

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

#### CANADA

##### Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Carbon black (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. State regulations



#### WARNING:

This product can expose you to Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component                | State or local regulations  |
|--------------------------|---|
| Carbon black (1333-86-4) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Issue date

: 8/13/2025



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| Full text of hazard classes and H-statements |                              |
|--|------------------------------|
| H351   | Suspected of causing cancer. |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.