



# ED-Plex™

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Date of issue: 03/22/2018 Version 1.0

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

#### 1.1. Product identifier

Product name : ED-Plex™  
Product form : Mixture

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

Use of the substance/mixture : Tubing

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

Randolph Austin Company  
2119 F.M. 1626  
78652 Manchaca, TX. - USA  
T 512-282-1590

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

##### GHS-US classification

Comb. Dust

#### 2.2. Label elements

##### GHS-US labeling

Signal word (GHS-US) : **Warning**  
Hazard statements (GHS-US) : May form combustible dust concentrations in air

Product is considered an article under OSHA 1910:1200

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%
Dust of 420 microns or less	NA	-

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a comfortable position for breathing.

First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes.

First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : May cause skin irritation.

Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion : May cause gastrointestinal irritation.



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#### 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 : Carbon dioxide. Dry chemical powder. Foam. Water fog.

Unsuitable extinguishing media : Do not use straight streams

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

Fire hazard : Not flammable.

Explosion hazard : May form combustible dust concentrations in air.

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

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

### SECTION 6: Accidental release measures

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

General measures : Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

##### 6.1.2. For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Avoid dust formation. Contain and collect as any solid.

Methods for cleaning up : Use only non-sparking tools. Sweep or shovel spills into appropriate container for disposal. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Store in a dry, cool and well-ventilated place.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ensure adequate ventilation, especially in confined areas. Provide adequate ventilation to minimize dust concentrations.

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Personal protective equipment : Safety glasses. Gloves.



Hand protection : Use gloves appropriate to the work environment.  
 Eye protection : Use eye protection suitable to the environment. Avoid direct contact with eyes.  
 Skin and body protection : Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.  
 Respiratory protection : Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

**SECTION 9: Physical and chemical properties**

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

Physical state : Solid  
 Appearance : Matte finish.  
 Color : Black.  
 Odor : Rubber smell.  
 Odor Threshold : No data available  
 pH : No data available  
 Relative evaporation rate (butyl acetate=1) : No data available  
 Melting point : 175 °C  
 Freezing point : No data available  
 Boiling point : No data available  
 Flash point : No data available  
 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 : No data available  
 Specific gravity / density : 900 - 1000 kg/m<sup>3</sup>  
 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**

May form combustible dust concentrations in air.

**10.2. Chemical stability**

Stable.

**10.3. Possibility of hazardous reactions**

Stable under normal conditions of use.

**10.4. Conditions to avoid**

Elevated temperature.



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### 10.5. Incompatible materials

Strong oxidizing agents. Halogenated compounds. Phenolic resins. Acetal resins.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO2). Dense smoke. Formaldehyde. Fume. Hydrocarbons.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause skin irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : No data available.

### 12.2. Persistence and degradability

ED-Plex™	
Persistence and degradability	No data available.

### 12.3. Bioaccumulative potential

ED-Plex™	
Bioaccumulative potential	No data available.

### 12.4. Mobility in soil

ED-Plex™	
Ecology - soil	No data available.

### 12.5. Other adverse effects

Other information : No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with DOT  
Not hazardous for transport

### Additional information

Other information : No supplementary information available.

### Transport by sea

No additional information available



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### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>ED-Plex™</b>	
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt	
SARA Section 311/312 Hazard Classes	None.

### 15.2. International regulations

No additional information available.

### 15.3. US State regulations

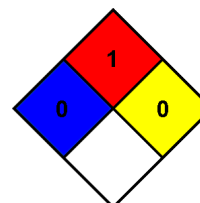
WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

<b>Carbon black (1333-86-4)</b>				
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	No significant risk level (NSRL)
Yes	No	No	No	Not available
<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List				
<b>Carbon black (1333-86-4)</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances				

## SECTION 16: Other information

Indication of changes : Revision 1.0: New SDS Created.  
Revision date : 3/22/2018  
Other information : Author: JLJ.

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



### Hazard Rating

Health : 0  
Flammability : 1  
Physical : 0  
Personal protection :

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