

## SAFETY DATA SHEET

### SECTION I: MATERIAL AND SUPPLIER IDENTIFICATION

Manufacturer:	RheTech Colors	Product Name:	RC15385
Address:	2901 West Monroe Street Sandusky, OH. 44870	Product Description:	Black PE
Phone Number:	(419) 626-5677	Recommended Letdown ratio:	50:1
Fax Number:	(419) 626-1140	Product Use:	Colorant for plastics
		Synonyms:	Color Concentrate
		Resin Family:	Polyethylene

### SECTION II: HAZARD(S) IDENTIFICATION

#### Emergency Overview

**Signal Word:** Warning!



**Hazard Statement:**

H320	Causes eye irritation
H335	May cause respiratory irritation
H351	Suspected of causing cancer

**Primary routes of entry:** Eyes, Skin, Ingestion.  
Inhalation is not expected.

**Medical conditions aggravated:** None Known

**Hazards not otherwise classified:** None Known

These hazards are based on individual ingredients that make up this product. These ingredients are then encapsulated in a plastic carrier which may have greatly reduced the hazards associated with these individual ingredients.

### SECTION III: COMPOSITION AND INFORMATION ON INGREDIENTS

The breakdown of components listed below is for informational purposes only. The finished pelletized product is composed of a dispersion of the non-polymer components encapsulated in a plastic resin. Thus, the individual health hazard associated with each component in raw form has been greatly reduced. See section IV and VIII for additional information.

Hazardous Components: Chemical Name/Description	CAS#	Concentration
Carbon (Amorphous)	1333-86-4	50.000%

The specific chemical identity and/or exact concentration in this product may have been withheld due to the confidential nature of this information.

## SECTION IV: FIRST AID MEASURES

**Eye Irritation:** Flush eyes thoroughly with clean, low pressure water. If a loose pellet should get into eye(s), treat as one would a foreign contaminant and seek medical attention.

**Skin Irritation:** Wash affected skin areas thoroughly with soap and water.  
Molten resin can cause severe thermal burns, cool quickly with water and seek immediate expert medical attention. Do not peel off solidified material.

**Respiratory Irritation:** Leave the exposure area and obtain fresh air. Provide appropriate protection before allowing re-entry. A physician should be contacted if irritation persists.

**Ingestion:** If product is ingested, give lots of water and seek medical attention, product in marketed form has minimal toxicity.

**Symptoms/effects, acute and Delayed:** Some individuals with specific sensitivities may exhibit eye, nose, throat, or dermal irritation if overexposed to processing fumes.

**Indication of any immediate medical attention and special treatment needs:** None Known.

## SECTION V: FIREFIGHTING MEASURES

**Extinguishing Media:** Use Water spray or fog, carbon dioxide or dry chemical. A strong jet stream of water is not suitable.

**Explosion and Fire Hazards:** Under fire conditions, toxic and irritating fumes may be emitted.  
Dusts can form an explosive mixture with air.  
Combustible dust.

**Special Fire Fighting Procedures:** Firefighters must wear self-contained breathing Apparatus.  
Garments for protection against thermal burns are recommended.  
Eye protection is strongly recommended.

## SECTION VI: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Loose pellets may present a slipping hazard, clean immediately. Restrict access to keep out unauthorized personnel. Wear appropriate personal protective equipment during all clean-up activities.

**Methods for Clean Up:** Collect spilled material using a method that minimizes dust generation. Place in an appropriate container for disposal. If spilled in water, advise proper authorities and prevent entry into sewers if possible. If public is likely to be affected notify proper authorities.

## SECTION VII: HANDLING AND STORAGE

**Handling:** Use with adequate ventilation. Avoid dust generation. Avoid contact with eyes and skin. Accumulations of dust should be removed from settling areas. The handling of pellets in both loading and unloading operations as well as fabrication may cause dust to be formed. When transferring pellets, precautions such as grounding and bonding can prevent the buildup of static electricity. Avoid processing temperatures exceeding 550°F. Avoid excessive exposure to fumes released during processing. The interior of molten polymer masses may remain hot for some time because of low thermal conductivity, use caution in handling.

**Storage:** Store in cool dry place away from moisture, excessive heat, and sources of ignition.

## SECTION VIII: EXPOSURE CONTROL AND PERSONAL PROTECTION

### Exposure Guidelines:

Chemical Name/Description	CAS#	NIOSH/OSHA PEL (mg/m <sup>3</sup> unless specified)	ACGIH TLV (mg/m <sup>3</sup> unless specified)
Particulates not otherwise regulated (PNOR)		5.00	3.00
Carbon (Amorphous)	1333-86-4	3.50	3.00

**Respiratory Protection:** Respiratory protection approved by NIOSH/MSHA for protection against organic fumes and excessive airborne contaminants. Appropriate respirator depends on type and magnitude of exposure.

**Eye Protection:** Wear safety glasses with side shields, goggles or face shield.

**Skin Protection:** Wear appropriate heat resistant gloves to prevent thermal burns when handling hot material.

**Ventilation:** Local exhaust ventilation required above hot plastic processing areas to control fumes and dust generation.

**Other:** Wash hands thoroughly after handling. Do not eat, drink or smoke in work area. If unusual exposures are expected review engineering controls and personal protective equipment.

Exposure limits are based on each individual component in its raw form (usually a respirable powder). The encapsulation of these materials in a plastic polymer may have reduced the over all risks associated with these individual materials.

## SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Appearance and Odor:	Cylindrical to spherical pellets with a mild, non-specific odor.		
Specific Gravity, (H <sub>2</sub> O = 1)	Not Determined	Melting Point:	300°F	Boiling Point:	Not Applicable
Vapor Pressure at 23°C:	Negligible	Percent Volatile by Volume:	Negligible	Vapor Density, (air = 1):	Not Applicable
Evaporation Rate at 23°C:	Not Applicable	Odor Threshold:	Not Available	pH:	Not Applicable
Solubility in Water at 23°C:	Insoluble	Coefficient of Oil/Water Distribution:	Not Available	Ignition Temperature:	Not Determined
Flash Point:	Not Applicable	Flammability:	Not Available	Flammability/Explosive Limits:	Not Determined
Decomposition Temperature:	Not determined	Viscosity:	Not Available		

Physical and chemical properties have been based on the base carrier resin.

## SECTION X: STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Avoid Methylene Chloride, Potassium Permanganate, Liquid Chlorine and other strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition can occur under certain conditions producing but not limited to the following: CO, CO<sub>2</sub>, and Organic Oxidation Products.

**Hazardous Polymerization:** Not expected to occur.

## SECTION XI: TOXICOLOGICAL INFORMATION

### Acute Toxicity Data - Oral

		No test data available.
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### Acute Toxicity Data - Dermal

		No test data available.
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### Acute Toxicity Data - Inhalation

		No test data available.
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### Local effect on skin and eye

Acute irritation	Dermal	No test data available
Acute irritation	Eye	No test data available

### Allergic Sensitization

Sensitization (Dermal)	.	No test data available
Repeat Insult Patch Test (Dermal)	.	No test data available
Sensitization (Inhalation)	.	No test data available

### Carcinogenicity

This product contains component(s) that are listed on one or more of the following lists: NTP, IARC, ACGIH, or OSHA as a carcinogen.

### Specific Target Organ Toxicity

Single Exposure	No test data available
Repeated Exposure	No test data available

### Other Information:

Carbon Black has been evaluated by IRAC as a possible carcinogenic to Human (Group 2B). However, the carbon black in this product is encapsulated in thermoplastics and as such should not present a health hazard.

Toxicological information has been based on each individual component in its raw form (usually a respirable powder). The encapsulation of these materials in a plastic polymer may have reduced the risks associated with these individual materials.

## SECTION XII: ECOLOGICAL INFORMATION

### Toxicity:

#### Acute/Prolonged Toxicity to fish:

Duration:	Species:	Results:
		No test data available.

#### Acute Toxicity to Aquatic Invertebrates (daphnia):

Duration:	Species:	Results:
		No test data available.

#### Toxicity to Aquatic Plants:

Duration:	Species:	Results:
		No test data available.

#### Persistence and degradability:

Duration:	Results:
	No test data available.

#### Bio accumulative potential:

No information available.

#### Mobility in soil:

No information available.

These hazards are based on individual ingredients that make up this product. Dilution of these ingredients with other materials could possibly reduce the hazards associated with these individual ingredients.

## SECTION XIII: DISPOSAL CONSIDERATION

**Disposal Method:** Reprocess, recycle, incinerate or disposal of this product in accordance with Federal, State and Local regulations.

## SECTION XIV: TRANSPORT INFORMATION

**US DOT:** Not regulated as a hazardous material or dangerous good for transportation.

**ICAO/IATA:** Not regulated as a hazardous material or dangerous good for transportation.

**IMO/IMDG:** Not regulated as a hazardous material or dangerous good for transportation.

**RID/ADR:** Not regulated as a hazardous material or dangerous good for transportation.

**UN Number:** Not Applicable.

**Proper Shipping Name:** Not Applicable.

**Transport Hazard Class:** Not Applicable.

**Packaging Group:** Not Applicable.

**Environmental Hazard:** Not Applicable.

**Emergency Response Guide:** Not Applicable.

**Other Shipping Information:** Not regulated by DOT as a hazardous material.

## SECTION XV: REGULATORY INFORMATION

**TSCA:** The components of this product are either listed on the TSCA Inventory or exempt.

**DSL:** Based on the information provided, the status of one or more components in this product is unknown.

**OSHA:** One or more components of this product may be considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard CFR1910.1200.

### **SARA Title III (Superfund Amendments and Reauthorization Act):**

#### **Section 302 Extremely Hazardous Substances:**

None known

#### **Section 311/312 Hazard Categories:**

Fire:	No
Sudden release of pressure:	No
Reactive:	No
Immediate (acute):	No
Delayed (chronic):	Yes

#### **Section 313 Toxic Chemicals:**

None known

Regulatory information has been based on the information provided by the manufacturer of the individual components that make up this material. No testing or certification has been done regarding this product.

## SECTION XVI: OTHER INFORMATION

The data in this Safety Data Sheet applies only to the specific material designated herein and does not relate to use in combination with any other material or process.

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Date: April 17, 2017

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