

SAFETY DATA SHEET

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

1.1 Product identifier:

Product name

Registration number REACH Product type REACH

: RC Series

Date Prepared: 6/26/2017

: Not applicable (article)

Revision: 2

: Article

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

1.2.1 Relevant identified uses

Various

1.2.2 Uses advised against

No uses advised against known

1.3 Details of the supplier of the safety data sheet:

Manufacturer: ARC Technologies, Inc.

Address: 37 south Hunt Road
Amesbury, MA 01913

1.4 Emergency telephone number:

24 hour 7 days a week. (800)-424-9300 - Chemtrec

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation EC No 1272/2008

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC

Not classified as dangerous according to the criteria of Directive(s) 67/548/EEC and/or 1999/45/EC

2.2 Label elements:

Labelling according to Regulation EC No 1272/2008 (CLP)

Labelling does not apply to articles

2.3

Other hazards:

No other hazards known

SECTION 3: Composition/information on ingredients

3.1 ARTICLE:

Components of Construction: Polyurethane Foam and Carbon/Latex Coating

3.2 Mixtures:

Not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures:

General:

If you feel unwell, seek medical advice.

After inhalation:

Not applicable.

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After skin contact:

Not applicable.

After eye contact:

Not applicable.

After ingestion:

Not applicable.

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

4.2.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

No effects known.

After eye contact:

No effects known.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

5.1.1 Suitable extinguishing media:

Water spray. Polyvalent foam. ABC powder. Carbon dioxide.

5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

5.2 Special hazards arising from the substance or mixture:

Upon combustion: CO and CO₂ are formed.

5.3 Advice for firefighters:

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

No naked flames.

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Suitable protective

clothing See heading

8.2

6.2 Environmental precautions:

No data available

6.3 Methods and material for containment and cleaning up:

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Pick-up the material

6.4 Reference to other sections:

See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1 Precautions for safe handling:

Keep away from naked flames/heat. Finely divided: spark- and explosion proof appliances. Finely divided: keep away from ignition sources/sparks. RELEASE OF THE COMPONENTS: Avoid raising dust. Observe normal hygiene standards. RELEASE OF THE COMPONENTS: Observe strict hygiene.

7.2 Conditions for safe storage, including any incompatibilities:

7.2.1 Safe storage requirements:

Fireproof storeroom. Meet the legal requirements. Max. storage time: Not applicable.

7.2.2 Keep away from:

Heat sources.

7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be

listed below. b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

8.1.5 Control banding

If applicable and available it will be listed below.

8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Finely divided: spark- and explosion proof appliances. Finely divided: keep away from ignition sources/sparks. RELEASE OF THE COMPONENTS: Avoid raising dust. RELEASE OF THE COMPONENTS: Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. RELEASE OF THE COMPONENTS: Observe strict hygiene. Do not eat, drink or smoke during work. a) Respiratory protection:

Dust production: dust mask with filter

type P1. b) Hand protection:

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Gloves.

c) Eye protection:

In case of dust production: protective

goggles. d) Skin protection:

Not required for normal conditions of use.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Solid
Odor threshold	Not applicable
Color	Black
Particle size	No data available
Explosion limits	No data available
Flammability	Non-flammable
Melting point	No data available
Boiling point	Not applicable
Flash point	> 500 F
Evaporation rate	Not applicable
	Not applicable
Relative vapor density	Not applicable
Vapor pressure	No data available
Solubility	Not soluble
Relative density	No data available
pH	No data available

9.2 Other information:

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity:

Heating increases the fire hazard.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

No data available.

10.4 Conditions to avoid:

Keep away from naked flames/heat. Finely divided: spark- and explosion proof appliances. Finely divided: keep away from ignition sources/sparks. RELEASE OF THE COMPONENTS: Avoid raising dust.

10.5 Incompatible materials:

No data available.

10.6 Hazardous decomposition products:

Upon combustion: CO and CO₂ are formed.

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SECTION 11: Toxicological information

Information on toxicological effects:

11.1	Acute toxicity	None
11.2	Corrosion / irritation	None
11.3	Respiratory or skin sensitization	None
11.4	Specific target organ toxicity	N/A
11.5	Mutagenicity	N/A
11.6	Carcinogenicity	N/A
11.7	Reproductive toxicity	N/A

SECTION 12: Ecological information

12.1 Toxicity:

No (test) data on the mixture available

Conclusion

No data available on Ecotoxicity

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2 Persistence and degradability:

Biodegradability in water: no data available

12.3 Bioaccumulative potential:

Log Kow

Conclusion

No bioaccumulation data available

12.4 Mobility in soil:

Not applicable (article)

12.5 Results of PBT and vPvB assessment:

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

12.6 Other adverse effects:

Global warming potential (GWP)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1 Waste treatment methods:

13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

07 02 13 (wastes from the MFSU of plastics, synthetic rubber and man-made fibres: waste plastic). Can be considered as non hazardous waste according to Directive 2008/98/EC.

13.1.2 Disposal methods

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Remove waste in accordance with local and/or national regulations. Remove to an authorized waste treatment plant.

13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).

15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1 UN number:

Transport

Not subject

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

14.4 Packing group:

14.5 Environmental hazards:

Environmentally hazardous substance mark

no

14.6 Special precautions for user:

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

European legislation:

VOC content Directive 2010/75/EU

National legislation The Netherlands

Waterbezwaarlijkheid Not applicable (article)

National legislation Germany

WGK Not applicable (article)

15.2 Chemical safety assessment:

No chemical safety assessment is required.

SECTION 16: Other information

(*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic

substances DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited.