June 2022
Material Safety Data Sheet (MSDS)
Safe and Sound RF-ECO Paint

SAFE AND SOUND®
BY SAFE LIVING TECHNOLOGIES INC.

Safe Living Technologies Inc.

70 Watson Pkwy S, Unit 6
Guelph, ON N1L 0C3
1.888.814.2425
Support@SafeLivingTechnologies.com
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Material Safety Data Sheet
Safe and Sound
RF-ECO Paint

1. Identification of the Mixtures and of the Company

1.1 Product Identifiers

Safe and Sound RF-ECO Paint.

1.2 Relevant Identified Uses of the Mixture

Electrically conductive priming coats and accessory products.

1.2.1 Relevant Identified Uses Advised Against

There is no information about relevant identified uses of the product, which is advised against.

1.3 Details of the Supplier of the Safety Data Sheet

Safe Living Technologies Inc.
70 Watson Pkwy S Unit 6
Guelph, ON N1L 0C3
1-888-814-2425
support@safelivingtechnologies.com
www.safelivingtechnologies.com

1.4 Emergency Telephone Number

Contact your local public health authority.
SLT: 1-888-814-2425

02. Hazards Identification

2.1 Classification of the Substance or Mixture Directive 67/548/EEC or 1999/45/EC and Regulation (EC) No 1272/2008 (GHS)

None.

2.2 Label Elements

None.

2.3 Other Hazards

None.

2.4 Additional Information

This product is not dangerous concerning the regulation (EC) No. 1272/2008 (CLP) or the directive 1999/45/EC.

03. Composition, Ingredients

3.1 Substances

Ingredients	CAS.	PROP.
Water	7732-18-5	0-70%
Graphite	7782-42-5	0-40%
Carbon Black	1333-86-4	0-10%
Acrylic Dispersion	N/A	0-40%
Additives	N/A	0-5%

3.2 Mixtures

This product is a mixture.

3.3 Other Means of Identification

Not available.

3.4 Hazardous Components

Not applicable. This product does not contain any components classified for health hazards above the relevant cut off value.

04. First Aid Measures

4.1 General

In all cases of doubt, or when symptoms persist, seek medical attention. Immediately remove all contaminated clothing.

4.1.1 After Inhalation

No symptoms are expected to occur.
If symptoms do occur, take the affected person into fresh air. If breathing is compromised, seek medical attention.

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4.1.2 After Skin Contact

Wash away with soap and water and rinse. Do NOT use solvents or thinners. After use, remove and wash affected clothing.

4.1.3 After Eye Contact

Remove contact lenses, keep eyelids open. Rinse open eyes immediately with plenty of running water. Seek medical advice if irritation continues.

4.1.4 After Ingestion

Keep at rest. Do not induce vomiting. Drink water in small draught. When swallowed, immediately consult and show packing or label to physician.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No further relevant information available.

4.3 Indication of any Medical Attention and Special Treatment Needed

None.

5.0 Firefighting Measures

5.1.1 Suitable Extinguishing Media

This product is not flammable. In case of a fire, extinguish surroundings as indicated.

5.1.2 Unsuitable Extinguishing Media

None known.

5.2 Special Hazards Arising From the Substance or Mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

5.3 Advice for Firefighters

Appropriate breathing apparatus may be required.

06. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Refer to protective measures listed in sections 7 and 8. This product contains water and, if spilled, can cause slippery surfaces.

6.2 Environmental Precautions

Do not empty into drains, including water used for cleaning. Dispose of contaminated water, according to local regulations. Contact local authorities if the product contaminates lakes, rivers, or sewages.

6.3 Methods and Material for Containment and Cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth, and place in container for disposal according to local regulations (see section 13). Remove residue by rinsing thoroughly with water. Thoroughly clean contaminated objects and floors, and observe environmental regulations.

6.4 Reference to Other Sections

None.

07. Handling and Storage

7.1 Precautions for Safe Handling

Ensure good ventilation in your room and working area. Comply with health and safety work laws. Phrase P102: Keep out of reach of children. Phrase P103: Read label before use.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store at room temperature. This product is not flammable. Store in accordance with local regulations.

7.2.1 Hints on Storage Assembly

Keep away from: Alkali (lye), acid, oxidizing agent. Storage class : 12.

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7.2.2 Further Information on Storage Conditions

Review all documentation, including the label, installation manual, and data sheets. Keep only in the original container in a cool, well-ventilated place. Protect against heat and frost. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific End Use(s)

Basic coatings interior and exterior.

08. Exposure Controls, Personal Protection

8.1 Control Parameters, Occupational Exposure Limit Values

Information on occupational exposure to RCP-method TRGS 900 (D). Limit value type (Germany) : TRGS 900 (D). Limit value : Not relevant.

8.2 Personal Protective Equipment

Avoid contact with eyes and skin. Immediately remove all affected personal clothing. Do not eat, drink or smoke while painting. Wash hands before breaks and after painting.

8.2.1 Respiratory Protection

Breathing protection equipment is not required for brush or roll application. If applying with a spray gun: use filter mask N95 or P2 (white). Do not breathe in spray.

8.2.2 Hand Protection

Protective nitrile rubber gloves with a 0.4 mm thickness must be used. Manufacturer notes have to be taken into account. Penetration time of the glove material: >= 8 hrs. Penetration times can be considerably shorter with longer and/or repeated paint contact. The protective gloves should be replaced after the first application or as a result of damage to the gloves. Cotton gloves should be used under nitrile rubber gloves or polychloroprene gloves. If hands are dry after washing hands, apply a moisturizing hand lotion.

8.2.3 Eye Protection

Use safety glasses in case of splattering.

8.2.4 Body Protection

Use protective clothing while painting.

8.2.5 Environmental Exposure Controls

See chapter 7. No additional measures necessary.

09. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

9.1.1 Appearance

Opaque black liquid.

9.1.2 Odour

Characteristic odour.

9.1.3 Odour Threshold

Not determined.

9.1.4 Relevant Safety Data

Boiling temperature: Not applicable.
Flash point: Not applicable.
Ignition temperature: Not applicable.
Vapour pressure: Not determined.
Density: See technical data sheet.
Solvent separation test: Not applicable.
Solvent content in all products: 0 %.
pH value: All products: 8; HSF64, HSF74: 12.
Viscosity: Liquid to paste, see technical data sheet.
VOC value: See technical data sheet, max. 0.027 oz/gal.

9.2 Other Information

None.

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10. Stability and Reactivity

10.1 Reactivity

None known, with proper handling and storage.

10.2 Chemical Stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of Hazardous Reactions

None known, with proper handling and storage.

10.4 Conditions to Avoid

Prevent freezing, heating and exposure to direct sunlight.

10.5 Incompatible Materials

None known. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous Decomposition Products

None known, with proper handling and storage. When exposed to high temperatures or fire: carbon dioxide, carbon monoxide, smoke, nitric oxides or thick, black smoke may be produced.

11. Toxicological Information

Toxicological data is not available. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

11.1 Information on Toxicological Effects, Acute Effects

Acute oral toxicity: None. Acute dermal toxicity: None. Acute inhalation toxicity: None.

11.1.1 Sensitization

Not sensitizing.

11.1.2 Repeated Dose Toxicity (Sub-Acute, Sub-Chronic, Chronic)

Toxicological data is not available.

11.1.3 CMR Effects (Carcinogenicity, Mutagenicity and Toxicity for Reproduction)

Carcinogenicity: No data. Germ cell mutagenicity/ Genotoxicity: No data. Reproductive toxicity: No data.

12. Ecological Information

12.1 Toxicity

Acute or chronic damages are not expected to occur with water organisms or aquatic environments.

12.2 Persistence and Degradability

There is not data available.

12.3 Bio Accumulative Potential

There is not data available.

12.4 Mobility in Soil

There is not data available.

12.5 Results of PBT and vPvB Assessment

There is not data available.

12.6 Other Adverse Effects

There is not data available.

12.7 Additional Ecological Information

Avoid direct contact with the Earth/soil, waterways and drains. The product is evaluated according the method of 1999/45/EC, and is not classified as harmful for the environment.
See sections 2 and 3 for details.

13. Disposal Considerations

13.1 Waste Treatment Methods

Packaging with non dried up residues must be dropped at official collecting sites. Do not empty into waters or drains. Packaging with dried up residues can be disposed together with household garbage or building site garbage.

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13.1.1 Waste Key

Product packaging with liquid contents must be dropped at official collecting sites. Do not empty into waterways or drains. Product packaging with dried up residues can be disposed together with household garbage or building site garbage.

13.1.2 Contaminated Packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be recycled. Uncleaned packaging must be treated as liquid contents for disposal.

14. Transport Information

14.1 UN Number

Non-hazardous goods, in terms of transport regulations.

14.2 UN Proper Shipping Name

Non-hazardous goods, in terms of transport regulations.

14.3 Transport Hazard Class(es)

Non-hazardous goods, in terms of transport regulations.

14.4 Packing Group

Non-hazardous goods, in terms of transport regulations.

14.5 Environmental Hazards

Non-hazardous goods, in terms of transport regulations.

14.6 Special Precautions for User

None.

15. Regulatory Information

TSCA STATUS

We certify that all chemical substances in this product comply with all applicable rules or orders under TSCA and that we are not offering a chemical substance for entry in violation of TSCA or any applicable rule or order thereunder.

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

EU legislation. Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer: Not applicable. Directive 96/82/EC for danger control following severe accidents with dangerous substances: Not subject to 96/82/EC.

15.1.1 Other Regulations (EU)

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline): VOC-value (in g/l): max. 0.2

15.1.2 National Regulations

Restrictions of occupation: None, if handled according to order. Major Accidents Ordinance: Not subject to StörfallVO.

15.1.3 Water Hazard Class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS.

15.1.4 VOC-Regulation

VOC limit value step II (g/l), ready-to-use condition: 30. Maximum VOC content (g/l) of the product in a ready to use condition: max. 0.2.

15.1.5 Additional Information

Giscode : M-DF01.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

16. Further Information

16.1 Indication of Changes

None.

16.2 Abbreviations and Acronyms

None.

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16.3 Key Literature References and Sources for Data

Directive 67/548/EEC respectively 1999/45/EC in the current version. Regulation (EC) No. 1907/2006 (REACH), 1272/2008 (CLP) in the current version. Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP] Transport regulations according ADR, RID, IMDG, IATA in the current version.

16.4 Classification for Mixtures and Used Evaluation Method According to Regulation (EC) 1207/2008 [CLP] / Classification According to Regulation (EC) No. 1272/2008 [CLP]

None.

16.5 Relevant R-, H- and EUH-Phrases (Number and Full Text)

None.

16.6 Training Advice

None.

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