Safety Data Sheet
Stealth SHIVR-55

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Stealth SHIVR-55
Brand	Wet Sounds Inc

1.2 Other means of identification
Not available

1.3 Recommended use of the chemical and restrictions on use
Not available

1.4 Supplier's details

Name	Wet Sounds Inc
Address	2975 Louise Street Rosenberg Texas 77471 USA
Telephone	+1 877.938.7757 x1015
email	robert.reed@wetsounds.com

1.5 Emergency phone number

O: +1 877.938.7757 x1015
D: +1 832.554.9083

SECTION 2: Hazard identification

General hazard statement
"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product. **These units including the batteries are not harmful under conditions of normal use as recommended by the manufacturer**. The information in this section relates to unusual conditions resulting from abuse in which the battery electrodes, electrolyte, and adhesives are exposed.

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, dermal, Cat. 1
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, oral, Cat. 4
- Flammable solids, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictograms

Hazard statement(s)

H228	Flammable solid
H302	Harmful if swallowed
H310	Fatal in contact with skin
H331	Toxic if inhaled

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P370+P378	In case of fire: Use dry powders to extinguish.

2.3 Other hazards which do not result in classification

None known

Statement regarding ingredients of unknown toxicity

The product is classified as non-hazardous in its solid form. However, certain processes such as cutting, milling, grinding and welding could result in some hazardous material being emitted. The classification information is for the hazardous elements which may be emitted during these processes.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Component	Concentration
Cobalt lithium oxide (CoLiO2) (CAS no.: 12190-79-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
GRAPHITE powder (CAS no.: 7782-42-5)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Lithium hexafluorophosphate (CAS no.: 21324-40-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Copper (CAS no.: 7440-50-8)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available	
Ethene, 1,1-difluoro-, homopolymer (CAS no.: 24937-79-9)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
POLYVINYL CHLORIDE LATEX (CAS no.: 9002-86-2)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
NICKEL (CAS no.: 7440-02-0)	**Not specified**
CLASSIFICATIONS: Carcinogenicity. HAZARDS: H317 - May cause an allergic skin reaction; H351 - Suspected of causing cancer [route]	
METHYL METHACRYLATE (CAS no.: 80-62-6)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
2-HYDROXYETHYL METHACRYLATE (CAS no.: 868-77-9)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

Synthetic resin	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Cumene hydroperoxide 88% (CAS no.: 80-15-9)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Acrylonitrile butadiene styrene (CAS no.: 9003-56-9)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Silicon (CAS no.: 7440-21-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
IRON (CAS no.: 7439-89-6)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Magnesium (CAS no.: 7439-95-4)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Zinc (CAS no.: 7440-66-6)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
TIN (CAS no.: 7440-31-5)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Lead (CAS no.: 7439-92-1)	**Not specified**
CLASSIFICATIONS: Toxic to reproduction. HAZARDS: H360FD - May damage fertility.	
Paint ink	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Sodium carboxymethyl cellulose (CAS no.: 9004-32-4)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Calcium carbonate (CAS no.: 471-34-1)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
N-BUTYL ACRYLATE (CAS no.: 141-32-2)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
ACRYLIC ACID (CAS no.: 79-10-7)	**Not specified**
C CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Polyethylene AS (CAS no.: 9002-88-4)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Carbon black (airborne, unbound particles of respirable size) (CAS no.: 1333-86-4)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Thermoplastic rubber	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
1,3-Butadiene, 2-chloro-, homopolymer (CAS no.: 9010-98-4)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
1-Propene, homopolymer (CAS no.: 9003-07-0)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Ethylenevinylacetate copolymer (CAS no.: 24937-78-8)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
AZODICARBONAMIDE (CAS no.: 123-77-3)	**Not specified**
CLASSIFICATIONS: Sensitization, respiratory, Cat. 1. HAZARDS: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
BIS(TERT-BUTYLDIOXYISOPROPYL)BENZENE (CAS no.: 25155-25-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Zinc oxide (CAS no.: 1314-13-2)	**Not specified**
CLASSIFICATIONS: Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	
Glass Beads (CAS no.: 65997-17-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Polyimide resin (CAS no.: 62929-02-6)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Pulp, cellulose (CAS no.: 65996-61-4)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Water (CAS no.: 7732-18-5)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
PU resin (CAS no.: 13981-16-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Melanins (CAS no.: 8049-97-6)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
ANTIMONY (CAS no.: 7440-36-0)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Bismuth (CAS no.: 7440-69-9)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Arsenic (CAS no.: 7440-38-2)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Iron (III) oxide (CAS no.: 1309-37-1)	**Not specified**

CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Strontium carbonate (CAS no.: 1633-05-2)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Silica (CAS no.: 7631-86-9)	**Not specified**
CLASSIFICATIONS: Specific target organ toxicity (repeated exposure), Cat. 1. HAZARDS: No data available.	
Aluminum oxide (CAS no.: 1344-28-1)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
2-Propenenitrile, polymer with 1,3-butadiene (CAS no.: 9003-18-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
N-ISOPROPYL-N'-PHENYL-P-PHENYLENEDIAMINE (CAS no.: 101-72-4)	**Not specified**
CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Sensitization, skin, Cat. 1; Hazardous to the aquatic environment, short-term (acute)	
1,2,3-Propanetricarboxylic acid, 2-(acetyloxy)-, 1,2,3-tributyl ester (CAS no.: 77-90-7)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Bismuth(3+) tripotassium bis[2-hydroxypropane-1,2,3-tricarboxylate] (CAS no.: 57644-54-9)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
S (CAS no.: 63705-05-5)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl] (CAS no.: 32131-17-2)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
1,3-Benzenedicarbonyl dichloride, polymer with 1,3-benzenediamine (CAS no.: 25765-47-3)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
DIMETHYL ACETAMIDE (CAS no.: 127-19-5)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Nonwoven Fabric	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Titanium(IV) oxide (CAS no.: 13463-67-7)	**Not specified**
CLASSIFICATIONS: Carcinogenicity, Cat. 2. HAZARDS: H351 - Suspected of causing cancer [route].	
Toluene (CAS no.: 108-88-3)	**Not specified**
CLASSIFICATIONS: Flammable liquids, Cat. 2; Toxic to reproduction, Cat. 2; Aspiration hazard, Cat. 1; Specific target organ toxicity (single exposure), Cat. 3; Specific target organ toxicity (repeated exposure), Cat. 2; Skin corrosion/irritation, Cat. 2. HAZARDS: H225 - Highly flammable liquid and vapor; H304 - May be fatal if swallowed and enters airways; H315 - Causes skin irritation; H336 - May cause drowsiness or dizziness; H361d - ; H373 - May cause damage to organs [organs] through prolonged or repeated exposure [route].	
Titanium (CAS no.: 7440-32-6)	**Not specified**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Iodine (CAS no.: 7553-56-2)	**Not specified**
CLASSIFICATIONS: Acute toxicity, inhalation, Cat. 4; Acute toxicity, dermal, Cat. 4; Hazardous to the aquatic environment, short-term (acute), Cat. 1. HAZARDS: H312 - Harmful in contact with skin; H332 - Harmful if inhaled; H400 - Very toxic to aquatic life.	
Mercury (CAS no.: 7439-97-6)	**Not specified**
CLASSIFICATIONS: Toxic to reproduction, Cat. 1B; Acute toxicity, inhalation, Cat. 2; Specific target organ toxicity (repeated exposure), Cat. 1; Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H330 - Fatal if inhaled; H360D - May damage the unborn child; H372 - Causes damage to organs [organs] through prolonged or repeated exposure [route]; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Show this safety data sheet to the doctor in attendance.
If inhaled	If Inhaled the internal materials of the battery, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	If the internal materials of the battery come into contact with the skin, rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	If the internal materials of the battery come into contact with eyes, rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	If swallowed the internal materials of the battery, do NOT induce vomiting. Consult a physician.

4.2 Most important symptoms/effects, acute and delayed
No data available on product

4.3 Indication of immediate medical attention and special treatment needed, if necessary
No data available on product

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Dry powder (Dry Chemical, Sandy soil or Carbon dioxide)

5.2 Specific hazards arising from the chemical
Emit toxic fumes under fire conditions.

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
If batteries show signs of leaking, avoid skin or eye contact with the material leaking from the battery. Use chemical-resistant rubber gloves and non-flammable absorbent materials for clean up. Mix with inert materials and transfer to a sealed container for disposal.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Keep batteries away from ignition sources, heat, and flame. Batteries must be packed in an inner package to prevent short circuits. Avoid mechanical or electrical abuse. Avoid reversing battery polarity within the battery assembly. In case of a battery unintentionally is crushed, rubber gloves must be used to handle all battery components. Avoid contact with eyes, and skin. Avoid inhalation. Avoid strong oxidizing agents and corrosives around the battery.

7.2 Conditions for safe storage, including any incompatibilities
Store the battery in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Methyl methacrylate (CAS: 80-62-6)
PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 410 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 50 ppm, (ST) 100 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

2. Silicon (metal) (CAS: 7440-21-3)
PEL (Inhalation): See PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 15 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m3, See PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 10 mg/m3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3, See PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 mg/m3; Australia (AU/SWA)

3. TIN (CAS: 7440-31-5)
PEL (Inhalation): 2 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 2 mg/m3; also tin oxide; except SnH4 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 2 mg/m3; except tin oxides (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.1 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.1 mg/m3, (ST) 0.2 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.1 mg/m3цxcept Cyhexatin (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 2 mg/m3; Australia (AU/SWA)

4. Lead (CAS: 7439-92-1)
PEL (Inhalation): 0.05 mg/m3, See Section 5198 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.05 mg/m3, See Appendix C (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 0.05 mg/m3; Australia (AU/SWA)

5. Calcium carbonate (CAS: 471-34-1)
TWA (Inhalation): 10 mg/m3; Australia (AU/SWA)

6. n-Butyl acrylate (CAS: 141-32-2)
TWA (Inhalation): 1 ppm; 5 mg/m3; Australia (AU/SWA)
Other advisory: Sen

STEL (Inhalation): 5 ppm; 26 mg/m3; Australia (AU/SWA)
Other advisory: Sen

7. Acrylic acid (CAS: 79-10-7)
TWA (Inhalation): 2 ppm; 5.9 mg/m3; Australia (AU/SWA)

8. Carbon black (airborne, unbound particles of respirable size) (CAS: 1333-86-4)
PEL (Inhalation): 3.5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 3.5 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 3.5 mg/m3 without PAHs); when PAHs are present, NIOSH considers carbon black to be a potential occupational carcinogen.
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 3 mg/m3; Australia (AU/SWA)

9. Zinc oxide (CAS: 1314-13-2)
PEL (Inhalation): 5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3, (ST) 10 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m3, (ST) 10 mg/m3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 15 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m3, (C) 15 mg/m3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 2 mg/m3, (ST) 10 mg/m3 (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 mg/m3; Australia (AU/SWA)

TWA (Inhalation): 5 mg/m3; Australia (AU/SWA)

STEL (Inhalation): 10 mg/m3; Australia (AU/SWA)

10. ANTIMONY (CAS: 7440-36-0)
PEL (Inhalation): 0.5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.5 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.5 mg/m3 (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 0.5 mg/m3; Australia (AU/SWA)

11. Arsenic (CAS: 7440-38-2)
PEL (Inhalation): 0.01 mg/m3, See Section 5214 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca, (C) 0.002 mg/m3[15-min], See Appendix A (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.2 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): None (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

12. Iron (III) oxide (CAS: 1309-37-1)
PEL (Inhalation): 10 (fume) mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

13. Silica (CAS: 7631-86-9 EC: 231-545-4)
PEL-TWA (Inhalation): 20 Million particles per cubic foot (OSHA)
Table Z-3 Mineral Dusts.

PEL-TWA (Inhalation): 80mg/m3 / %SiO2 (OSHA)
Table Z-3 Mineral Dusts

PEL-TWA (Inhalation): 6 mg/m3 (Total); 3 mg/m3 (Res) (Cal/OSHA)

REL-TWA (Inhalation): 6 mg/m3 (NIOSH)

TWA (Inhalation): 2 mg/m3; Australia (AU/SWA)

14. Aluminum oxide (CAS: 1344-28-1)
PEL (Inhalation): see PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Appendix D (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 15 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 mg/m3; Australia (AU/SWA)
Notes: (a)

15. Dimethyl acetamide (CAS: 127-19-5)
PEL (Inhalation): 10 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 35 mg/m3 (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 10 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 ppm; 36 mg/m3; Australia (AU/SWA)

16. Titanium(IV) oxide
PEL (Inhalation): 5 mg/m3 (Resp), 15 mg/m3 (Total) (OSHA)
Lower Respiratory Tract irritation

PEL (Inhalation): See PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca, (ultrafine particles), 2.4 mg/m3 (fine), 0.3 mg/m3(ultrafine), See Appendix A, See Appendix C (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 10 mg/m3 (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m3 (Resp), 10 mg/m3 (Total) (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 mg/m3; Australia (AU/SWA)

17. Toluene (CAS: 108-88-3)
PEL-TWA (Inhalation): 200 ppm (OSHA)
Central nervous system depression, causing fatigue, headache, confusion, paresthesia, dizziness, and muscular incoordination. Irritation of the eyes, mucous membranes, and upper respiratory tract

STEL (Inhalation): 150 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm (375 mg/m3) (NIOSH)
Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 300 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL-Peak (Inhalation): 500 ppm (10 minutes) (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 ppm (37 mg/m3) (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

TLV® (Inhalation): 20 ppm (75 mg/m3) (ACGIH)
Female reproductive system damage and pregnancy loss. Central nervous system impairment and visual impairment

STEL (Inhalation): 150 ppm (560 mg/m3) (NIOSH)
Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 500 ppm Ceiling (Cal/OSHA)

Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL-ST (Inhalation): 150 ppm (560 mg/m3) - SKIN (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL (Inhalation): See Annotated Z-2 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-2 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-2 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): See Annotated Z-2; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 50 ppm; 191 mg/m3; Australia (AU/SWA)

STEL (Inhalation): 150 ppm; 574 mg/m3; Australia (AU/SWA)

18. Iodine (CAS: 7553-56-2)
PEL (Inhalation): (C) 0.1 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 1 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 0.1 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): (C) 0.1 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 0.1 Peak limitation ppm; 1 Peak limitation mg/m3; Australia (AU/SWA)

19. Mercury (CAS: 7439-97-6)
PEL (Inhalation): See Annotated Z-2 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-2 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-2 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-2 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 0.003 ppm; 0.025 mg/m3; Australia (AU/SWA)

8.2 Appropriate engineering controls
Use ventilation equipment if available. Safety shower and eye bath

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Distribution, Workplace and Household Settings: No special protective equipment required under normal use.

Skin protection
For handling the battery: Use safety gloves

Body protection
No data available

Respiratory protection
No special precautions for casual exposure. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Thermal hazards
No data available on product

Control banding approach
No data available on product

Environmental exposure controls
No data available on product

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Solid
Appearance	Fully Roto-Molded Cooler for keeping drinks and food cold for days with a built-in Wet Sounds Stealth 6 speaker system using a Lithium Ion Battery pack
Color	Different colors
Odor	Odorless
Melting point/freezing point	
Boiling point or initial boiling point and boiling range	
Flammability	
Lower and upper explosion limit/flammability limit	
Flash point	
Auto-ignition temperature	
Decomposition temperature	
pH	
Kinematic viscosity	
Solubility	
Partition coefficient n-octanol/water (log value)	
Vapor pressure	
Density and/or relative density	
Relative vapor density	

SECTION 10: Stability and reactivity

10.1 Reactivity
None under normal use conditions.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
None under normal use conditions.

10.4 Conditions to avoid
Heat, flames, and sparks. Short circuits, mechanical, and electrical abuse.

10.5 Incompatible materials
Strong oxidizing agents, Corrosives, and Strong bases

10.6 Hazardous decomposition products
Metal oxides, Carbon monoxide, Carbon dioxide

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
No data available on product

Skin corrosion/irritation
The internal battery materials may cause skin and eyes irritation.

Serious eye damage/irritation
No data available on product

Respiratory or skin sensitization
No data available on product

Germ cell mutagenicity
No data available on product

Carcinogenicity
No data available on product

Reproductive toxicity
No data available on product

Summary of evaluation of the CMR properties
No data available on product

Specific target organ toxicity (STOT) - single exposure
No data available on product

Specific target organ toxicity (STOT) - repeated exposure
No data available on product

Aspiration hazard
No data available on product

Additional information
No data available on product

SECTION 12: Ecological information

Toxicity
No data available on product

Persistence and degradability
No data available on product

Bioaccumulative potential
No data available on product

Mobility in soil
No data available on product

Results of PBT and vPvB assessment
No data available on product

Endocrine disrupting properties
No data available on product

Other adverse effects
No data available on product

SECTION 13: Disposal considerations

Disposal methods

Product disposal
lithium batteries are best disposed as of non-hazrdous waste when fully or mostly discharged. contact a licensed professional waste disposal service to dispose of a large quantity of materials.

Packaging disposal
No data available on product

Waste treatment
No data available on product

Sewage disposal
No data available on product

Other disposal recommendations
No data available on product

SECTION 14: Transport information

DOT (US)
No data available on product

IMDG
No data available on product

IATA
No data available on product

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Canadian Domestic Substances List (DSL)
Chemical name: Cobaltate ($CoO2^{1-}$), lithium
CAS: 12190-79-3

Chemical name: Graphite
CAS: 7782-42-5

Chemical name: Copper
CAS: 7440-50-8

Chemical name: Aluminum
CAS: 7429-90-5

Chemical name: Ethene, 1,1-difluoro-, homopolymer
CAS: 24937-79-9

Chemical name: Ethene, chloro-, homopolymer
CAS: 9002-86-2

Chemical name: Nickel
CAS: 7440-02-0

Chemical name: 2-Propenoic acid, 2-methyl-, methyl ester
CAS: 80-62-6

Chemical name: 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester
CAS: 868-77-9

Chemical name: Hydroperoxide, 1-methyl-1-phenylethyl
CAS: 80-15-9

Chemical name: Silicon
CAS: 7440-21-3

Chemical name: Iron
CAS: 7439-89-6

Chemical name: Magnesium
CAS: 7439-95-4

Chemical name: Zinc
CAS: 7440-66-6

Chemical name: Tin
CAS: 7440-31-5

Chemical name: Lead
CAS: 7439-92-1

Chemical name: Cellulose, carboxymethyl ether, sodium salt

CAS: 9004-32-4

Chemical name: Carbonic acid calcium salt (1:1)
CAS: 471-34-1

Chemical name: 2-Propenoic acid, butyl ester
CAS: 141-32-2

Chemical name: 2-Propenoic acid
CAS: 79-10-7

Chemical name: Ethene, homopolymer
CAS: 9002-88-4

Chemical name: Carbon black
CAS: 1333-86-4

Chemical name: 1,3-Butadiene, 2-chloro-, homopolymer
CAS: 9010-98-4

Chemical name: 1-Propene, homopolymer
CAS: 9003-07-0

Chemical name: Acetic acid ethenyl ester, polymer with ethene
CAS: 24937-78-8

Chemical name: Diazenedicarboxamide
CAS: 123-77-3

Chemical name: Peroxide, [1,3(or 1,4)-phenylenebis(1-methylethylidene)]bis[(1,1-dimethylethyl)
CAS: 25155-25-3

Chemical name: Zinc oxide (ZnO)
CAS: 1314-13-2

Chemical name: Glass, oxide, chemicals
CAS: 65997-17-3

Chemical name: Pulp, cellulose
CAS: 65996-61-4

Chemical name: Water
CAS: 7732-18-5

Chemical name: Antimony
CAS: 7440-36-0

Chemical name: Bismuth
CAS: 7440-69-9

Chemical name: Arsenic

Canadian Non-Domestic Substances List (NDSL)

Chemical name: Phosphate(1-), hexafluoro-, lithium
CAS: 21324-40-3

Chemical name: 1,3-Isobenzofurandione, 5,5'-carbonylbis-, polymer with 1(or 3)-(4-aminophenyl)-2,3-dihydro-1,3,3(or 1,1,3)-trimethyl-1H-inden-5-amine
CAS: 62929-02-6

Chemical name: C.I. Pigment Brown 6
CAS: 52357-70-7

Chemical name: C.I. Pigment Brown 7
CAS: 1345-27-3

Chemical name: 1,3-Benzenedicarbonyl dichloride, polymer with 1,3-benzenediamine
CAS: 25765-47-3

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
No SARA hazards

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US FDA-restricted cosmetic ingredient (21 CFR 700.13)
Chemical name: Mercury
CAS: 7439-97-6

Mercury compounds are readily absorbed through the skin on topical application and tend to accumulate in the body. They may cause allergic reactions, skin irritation, or neurotoxic problems. The use of mercury compounds in cosmetics is limited to eye area products at no more than 65 parts per million (0.0065 percent) of mercury calculated as the metal and is permitted only if no other effective and safe preservative is available. All other cosmetics containing mercury are adulterated and subject to regulatory action unless it occurs in a trace amount of less than 1 part per million (0.0001 percent) calculated as the metal and its presence is unavoidable under conditions of good manufacturing practice (21 CFR 700.13).

California Prop. 65 components
No data available on product

Massachusetts Right To Know Components
Chemical name: Copper
CAS number: 7440-50-8

Chemical name: Aluminum (fume or dust)
CAS number: 7429-90-5

Chemical name: Nickel
CAS number: 7440-02-0

Chemical name: Methyl methacrylate
CAS number: 80-62-6

Chemical name: Cumene hydroperoxide
CAS number: 80-15-9

Chemical name: Zinc
CAS number: 7440-66-6

Chemical name: Lead
CAS number: 7439-92-1

No components are subject to the Massachusetts Right to Know Act.

Chemical name: Butyl acrylate
CAS number: 141-32-2

Chemical name: Acrylic acid
CAS number: 79-10-7

Chemical name: Zinc oxide
CAS number: 1314-13-2

Chemical name: Antimony
CAS number: 7440-36-0

Chemical name: Arsenic
CAS number: 7440-38-2

Silicon dioxide
CAS-No. 7631-86-9

Chemical name: Aluminum oxide
CAS number: 1344-28-1

Chemical name: Toluene
CAS number: 108-88-3

Chemical name: Toluene
CAS number: 108-88-3

Chemical name: Mercury
CAS number: 7439-97-6

New Jersey Right To Know Components
Common name: GRAPHITE (NATURAL)
CAS number: 7782-42-5

Common name: COPPER
CAS number: 7440-50-8

Common name: ALUMINUM

CAS number: 7429-90-5

Common name: PVC
CAS number: 9002-86-2

Common name: NICKEL
CAS number: 7440-02-0

Common name: METHYL METHACRYLATE
CAS number: 80-62-6

Common name: CUMENE HYDROPEROXIDE
CAS number: 80-15-9

Common name: SILICON
CAS number: 7440-21-3

Common name: MAGNESIUM
CAS number: 7439-95-4

Common name: ZINC
CAS number: 7440-66-6

Common name: TIN
CAS number: 7440-31-5

Common name: LEAD
CAS number: 7439-92-1

Carboxymethylcellulose sodium salt
CAS-No. 9004-32-4

Common name: BUTYL ACRYLATE
CAS number: 141-32-2

Common name: ACRYLIC ACID
CAS number: 79-10-7

Common name: CARBON BLACK
CAS number: 1333-86-4

Common name: ZINC OXIDE
CAS number: 1314-13-2

Water
CAS-No. 7732-18-5

Common name: ANTIMONY
CAS number: 7440-36-0

Common name: ARSENIC
CAS number: 7440-38-2

Common name: IRON OXIDE

CAS number: 1309-37-1

Silicon dioxide
CAS-No. 7631-86-9

Chemical name: Aluminum oxide
CAS number: 1344-28-1

Common name: DIMETHYL ACETAMIDE
CAS number: 127-19-5

Chemical name: Titanium dioxide
CAS number: 13463-67-7

Chemical name: Toluene
CAS number: 108-88-3

Chemical name: Toluene
CAS number: 108-88-3

Common name: TITANIUM
CAS number: 7440-32-6

Common name: IODINE
CAS number: 7553-56-2

Common name: MERCURY, ELEMENTAL and INORGANIC COMPOUNDS
CAS number: 7439-97-6

Pennsylvania Right To Know Components
Chemical name: Graphite
CAS number: 7782-42-5

Chemical name: Copper
CAS number: 7440-50-8

Chemical name: Aluminum
CAS number: 7429-90-5

Chemical name: Nickel
CAS number: 7440-02-0

Chemical name: 2-Propenoic acid, 2-methyl-, methyl ester
CAS number: 80-62-6

Chemical name: Hydroperoxide, 1-methyl-1-phenylethyl
CAS number: 80-15-9

Chemical name: Silicon
CAS number: 7440-21-3

Chemical name: Magnesium
CAS number: 7439-95-4

Chemical name: Zinc
CAS number: 7440-66-6

Chemical name: Tin
CAS number: 7440-31-5

Chemical name: Lead
CAS number: 7439-92-1

Carboxymethylcellulose sodium salt
CAS-No. 9004-32-4

Chemical name: 2-Propenoic acid, butyl ester
CAS number: 141-32-2

Chemical name: 2-Propenoic acid
CAS number: 79-10-7

Chemical name: Carbon black
CAS number: 1333-86-4

Chemical name: Zinc oxide
CAS number: 1314-13-2

Water
CAS-No. 7732-18-5

Chemical name: Antimony
CAS number: 7440-36-0

Chemical name: Arsenic
CAS number: 7440-38-2

Chemical name: Iron oxide
CAS number: 1309-37-1

Silicon dioxide
CAS-No. 7631-86-9

Chemical name: Aluminum oxide
CAS number: 1344-28-1

Chemical name: Acetamide, N,n-dimethyl-
CAS number: 127-19-5

Chemical name: Titanium dioxide
CAS number: 13463-67-7

Chemical name: Toluene
CAS number: 108-88-3

Chemical name: Toluene
CAS number: 108-88-3

Chemical name: Mercury
CAS number: 7439-97-6

15.2 Chemical Safety Assessment

ICAO for the battery:

1. Unless be exempted according to ICAO TI, the lithium-ion cell/batteries (UN 3480, PI 965) and lithium metal cell/batteries (UN 3090, PI 968) are forbidden for carriage on passenger aircraft.

2. Unless be approved according to ICAO TI, Lithium-ion cells/batteries (UN 3480, PI 965) must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated design capacity.

3. A shipper is not permitted to offer for transport more than one (1) package prepared according to Section II of PI 965 and PI 968 in any single consignment. Not more than one (1) package prepared in accordance with Section II of PI 965 and PI 968 may be placed into an overpack.

4. Packages prepared according to Section II of PI 965 and PI 968 must be offered to the operator separately from other cargo and must not be loaded into a unit load device (ULD) before being offered to the operator.

SECTION 16: Other information

16.1 Further information/disclaimer

The information in this document is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. It was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data may not be available and is explicitly stated as such.

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