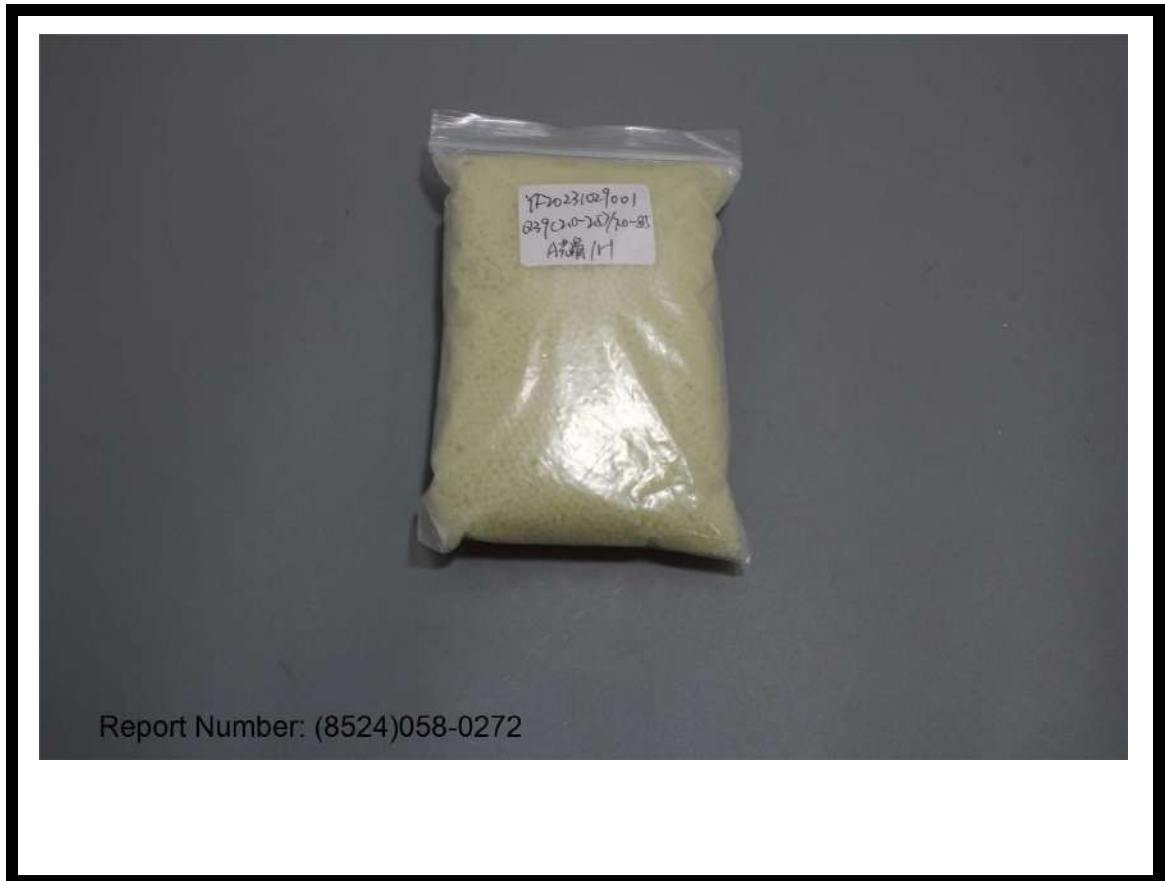


REPORT

Technical Report: (8524)058-0272(Revised)

Page 1 of 12
March 4, 2024





TEST REPORT

ZURU INC
UNIT 1201-04 & 06-07, 12/F, ENERGY PLAZA, 92
GRANVILLE ROAD, TSIM SHA TSUI EAST,
KOWLOON, HONG KONG

LAB LOCATION:
LAB NUMBER:

SHENZHEN
(8524)058-0272(Revised)

ATTN: COCO CHAN / TIDY LIU
CC: tidy@zuru.com

DATE IN: FEBRUARY 27, 2024
MOD. LOG IN: /
DATE OUT: MARCH 4, 2024
REVISED DATE: MAY 20, 2024
WORKING DAYS: 5
PAGE: 2 OF 12

OVERALL RATING	
PASS	_____
FAIL	_____
DATA	_____X_____

TESTING FOR MSDS INFORMATION

Sample Description:	36620 X-SHOT HYPER GEL LARGE 2 SET		
Manufacturer:	/	P.O. No.:	/
Buyer:	/	Style:	36782 X-SHOT HYPER GEL GLOW IN THE DARK LARGE, 36783 X-SHOT HYPER GEL GLOW IN THE DARK MEDIUM, 36785 X-SHOT-HYPER GEL-SERIES 1-GLOW IN THE DARK GELLET REFILL(20000 PCS)
Country of Origin:	CHINA	Country of Destination:	/
Color:	/	SKU Number:	Item#: 36782 X-SHOT HYPER GEL GLOW IN THE DARK LARGE, 36783 X-SHOT HYPER GEL GLOW IN THE DARK MEDIUM, 36785 X-SHOT-HYPER GEL-SERIES 1-GLOW IN THE DARK GELLET REFILL(20000 PCS)
Re-test:	Yes: ☐ No: ☒	Charge Vendor:	Yes: ☒ No: ☐
Previous Report No.:	/		

EXECUTIVE SUMMARY:

The submitted sample was evaluated to MSDS information test, see attachment result for details. **(DATA)**

REMARK(S):

1. As per request, only MSDS information was evaluated in this report.
2. No enclosed protocol(s) for the test results.

Note: This report is amendment of and supersedes the previous (8524)058-0272 dated May 4, 2024.

NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

Technical questions & concerns:

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BUREAU VERITAS SHENZHEN CO., LTD



Sure Fu
SENIOR TECHNICAL MANAGER
HARDLINES DIVISION

Safety Data Sheet **OSHA 29 CFR 1910.1200**

Printing Date: May 20, 2024

Version No.: 1.0

Revision: May 20, 2024

1 Identification

• **Product identifier**

• **Trade name:**

Super Absorbent Polymer (glow in dark gelllets)

• **Other means of identification:**

No available data.

• **Recommended use of the chemical and restrictions on use**

• **Application of the substance/ mixture:**

Consumer uses, recreational bullet after wetted with water.

• **Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

ZURU INC.

Unit 1201-04 & 06-07, 12/F, Energy Plaza, 92 Granville Road, Tsim Sha Tsui East, Kowloon, Hong Kong

Tel: +86 755 6688 1988

Fax: +86 755 6688 1998

Email: Tidy@zuru.com

National contact: Coco Chan/ Tidy Liu

• **Other US contact point:**

No information available.

• **Further information obtainable from:**

ZURU INC.

• **Emergency telephone number**

US Poison Center

Tel: +1 800 222 1222 (24 hours available)

2 Hazard(s) identification

• **Classification of the substance or mixture:**

This product is not classified according to OSHA 2012 Hazard Communication Standard (29 CFR 1910.1200).

Hazard class	Hazard category
<i>Not applicable</i>	<i>Not applicable</i>

• **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

• **Label elements**

• **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

• **Hazard pictograms:**

Not applicable

• **Signal word:**

Not applicable

• **Hazard-determining components of labelling:**

Not applicable

Safety Data Sheet OSHA 29 CFR 1910.1200

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Trade Name: Super Absorbent Polymer (glow in dark gelllets)

· Hazard statements:

Not applicable

· Precautionary statement:

Not applicable

· Hazards not otherwise classified (HNOC):

No known otherwise classified hazards.

3 Composition/information on ingredients

· Chemical characterization:

Mixture

· Description:

Super Absorbent Polymer (glow in dark gelllets).

· Components:

CAS No.	Composition Name	w/w, %
9033-79-8	Sodium polyacrilate crosslinked	≥65
7732-18-5	Water	≤20
12004-37-4	Strontium aluminate	11.7
1344-28-1	Aluminium oxide	3
12020-60-9	Europium Oxide	0.15
1308-87-8	Didysprosium trioxide	0.15

4 First aid measures

· Description of first aid measures

After inhalation:

Supply with fresh air.

Call for doctor/physician if you feel unwell.

After skin contact:

No special measure needed normally.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

· Information for doctor

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

Acute and delayed effects are as indicated in sections 2 and 11.

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

Treat according to symptom, there is not known specific medicine.

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Trade Name: Super Absorbent Polymer (glow in dark gelllets)

5 Fire-fighting measures

• **Suitable extinguishing agents:**

Use CO₂, powder, water spray or alcohol resistant foam to extinguish.

• **Special hazards arising from the substance or mixture:**

No known special hazard arising from the mixture.

• **Special protective equipment and precaution for firefighters**

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures:**

Collect the leakage timely.

Ensure adequate ventilation.

Avoid breathing dust.

• **Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

• **Methods and material for containment and cleaning up:**

Use any feasible mechanical means (e.g. vacuum, sweeping) but avoid dusting during clean-up.

Ensure well ventilation.

Dispose contaminated material as waster according to item 13.

7 Handling and storage

• **Handling**

• **Precautions for safe handling:**

No special precaution for safe handling required normally.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **Conditions for safe storage, including any incompatibilities**

• **Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:**

No further requirements.

• **Further information about storage conditions:**

No further requirements.

8 Exposure controls/personal protection

Safety Data Sheet OSHA 29 CFR 1910.1200

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Trade Name: Super Absorbent Polymer (glow in dark gelllets)

• Components with limit values that require monitoring at the workplace:

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
9033-79-8	Sodium polyacrilate crosslinked	None	None	None	None
7732-18-5	Water	None	None	None	None
12004-37-4	Strontium aluminate	None	None	None	None
1344-28-1	Aluminium oxide	None	None	None	None
12770-85-3	Europium Oxide	None	None	None	None
1308-87-8	Didysprosium trioxide	None	None	None	None

• Additional information:

The lists that were valid during the creation were used as basis.

• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:

• Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

• Personal protective equipment:

• Breathing equipment:

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• Protection of hands:

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• Eye protection:

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• Body Protection:

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety boots



Safety overalls

Safety Data Sheet OSHA 29 CFR 1910.1200

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Trade Name: Super Absorbent Polymer (glow in dark gelllets)

Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

• Information on basic physical and chemical properties

• Appearance:

Form	Solid
Color	Light yellow
Odor	Odorless
Odor threshold	Not determined
• pH-value	Not determined
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	Not determined
• Freezing point	Not determined
• Flash point	Not applicable
• Flammability	Not flammable solid
• Decomposition temperature	Not determined
• Self-ignition	Not determined
• Danger of explosion	Product dose not present explosive hazard.
• Explosion limits	
Lower:	Not determined
Upper:	Not determined
• Oxidizing properties	Not oxidizing agent
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	
Water	Not determined
• Partition coefficient (n-octanol/water)	Not applicable
• Viscosity	
Dynamic	Not applicable
Kinematic	Not applicable
• Other information	Not determined

10 Stability and reactivity

• Reactivity:

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

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• **Chemical stability:**

Stable under recommended storage conditions.

• **Possibility of hazardous reactions:**

No known hazardous reaction.

• **Conditions to avoid:**

High temperature.

• **Incompatible materials:**

Strong acids, strong oxidizing agents.

• **Hazardous decomposition products:**

No known hazardous decomposition products.

11 Toxicological information

• **Acute toxicity:**

Non-toxic chemical.

• **Primary irritant effect**

• **Skin corrosion/irritation:**

Not irritant to skin.

• **Serious eyes damage/ irritation:**

Not irritant to eyes.

• **Sensitization:**

Not sensitive to skin or respiratory.

• **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer):**

None of the ingredients is listed.

• **NTP (National Toxicology Program):**

None of the ingredients is listed.

12 Ecological information

• **Toxicity:** No available data.

• **Persistence and degradability:** No available data.

• **Bio-accumulative potential:** No available data.

• **Mobility in soil:** No available data.

• **Additional ecological information**

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Trade Name: Super Absorbent Polymer (glow in dark gelllets)

• **Other adverse effects:**

No known other adverse effects.

13 Disposal consideration

• **Waste treatment methods**

• **Recommendation:**

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

• **Un-cleaned packaging**

• **Recommendation:**

Dispose of contents/container in according to the local regulation.

14 Transport information

• DOT-DGR	This product is not subject to DOT-DGR.
• IMO/IMDG (41-22)	This product is not subject to IMO/IMDG code.
• IATA-DGR (65th)	This product is not subject to IATA-DGR.

15 Regulatory information

• **Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Sara**

• **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

• **Section 313 (Specific toxic chemical listings):**

1344-28-1	Aluminium oxide	
• TSCA (Toxic Substances Control Act):		
9033-79-8	Sodium polyacrilate crosslinked	Listed
7732-18-5	Water	Listed
12004-37-4	Strontium aluminate	Listed
1344-28-1	Aluminium oxide	Listed
1308-87-8	Didysprosium trioxide	Listed

• **Proposition 65**

• **Chemicals known to cause cancer:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.



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• **Washington, WAC 173-334-130 (CHCC):**

None of the ingredients is listed.

• **Chemicals of Concern, published by Maine DEP on July, 2015:**

None of the ingredients is listed.

• **Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:**

None of the ingredients is listed.

• **High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:**

None of the ingredients is listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency):**

None of the ingredients is listed.

• **TLV (Threshold Limit Value established by ACGIH):**

1344-28-1

Aluminium oxide

A4

• **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients is listed.

16 Other information

Revision Date : 20 May 2024

Version : 1.0

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• **Abbreviations and acronyms:**

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit



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End of safety data sheet

END OF REPORT