



MSDS

Material Safety Data Sheet

Reference No. : WTF20F11088664C

Applicant : shada BV

Address : Molenmakershoek 28 NL-7328 JK Apeldoorn

Sample Description : Battery box for 300740

Model No : 300743

Date of Issue : 2021-01-06

Prepared By:

Waltek Testing Group (Foshan) Co., Ltd.

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,
Chencun, Shunde District, Foshan, Guangdong, China

Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Compiled by:

Approved by:

Abby.Zhou

Abby.Zhou / Project Engineer

Swing Liang

Swing.Liang / Lab Manager



MSDS

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product Name: Battery box

Contact: Duo Li

Tel: +31 555 761 693

Email: duo@shada.nl

Fax: +31 555 761 669

Section 2 – Hazards Identification

Classification according to Regulation (EC) No 1272/2008:



GHS02 Flame

Pyr. Sol. 1	H250, Exposure to air can cause spontaneous combustion
Water-react. 2	H261, Emits flammable gas with water

Hazard statement(s):

No information is available.

Other hazards: None



MSDS

Section 3 – Composition/information on Ingredient

Pure Admixture

Composition:

Chemical Name	Content (%)	CAS No.	
Battery box	LiNixCoyMnzO2	30-37	--
	Graphite	15-20	7782-42-5
	Carbon black	0-1	1333-86-4
	Polyvinylidene fluoride resin	0-1	24937-79-9
	Phosphate(1-),hexafluorom,lithium	12-16	21324-40-3
	Polypropylene	6-10	9003-07-0
	Aluminium  Pyr. Sol. 1, H250, GHS02 Water-react. 2, H261, Dgr	2-5	7429-90-5
	Copper	5-10	7440-50-8
	Iron	10-15	7439-89-6

Section 4 – First Aid Measures

Skin touch: Irritating skin and mucous membranes. Take off the contaminated clothes and flush with plenty of water. Get medical aid.

Eyes touch: Stimulating effect. In case of contact with eyes, immediately to rinse with plenty of water. Have the victims remove contact lenses if he is wearing them before rinsing. Do not let the victims rub his eyes. Get medical aid.

Inhalation: Remove the victims to the fresh air and keep the respiratory tract smooth. Use oxygen if breathing is difficult. Get medical aid.

Ingestion: If accidentally eat the product, rinsing mouth with water. Never give anything by mouth to an unconscious person. Get medical aid.



MSDS

Section 5 – Fire Fighting measures

Danger characteristic: Stable at room temperature.

Hazardous combustion products: Carbon monoxide, carbon dioxide, etc.

Fire-Fighting method & media: The firefighter must be equipped with a filter mask (full mask) or isolated breathing apparatus. The staff must wear the clothes and gloves which can defend against the fire and the toxic gas. Extinguish a fire from the windward. Spray plenty of water until the fire takes off.

Extinguishant: Misty water, foam, dry powder, CO₂, etc.

Section 6 – Accidental Release Measures

Emergency treatment:

Procedures for cleanup: Evacuate personnel to safe areas. Prohibit all the irrelevant from entering in. Cut off the fire. Ensure adequate ventilation. Collect the waste in proper close containers.

Environmental precautions: It is usually slightly hazardous to water. Do not expose undiluted or large quantities of products to groundwater, waterways, or sewer systems. If there is no government permission, do not discharge the material into the surrounding environment.

Personal precautions: Wear protective clothing, air respirator and gloves to avoid inhalation and contact with waste materials.

Prevention of secondary hazards: No information is available.

Section 7 – Handling and storage

Handling:

1. Staff shall be trained in safe use.
2. Install fire control system and leakage emergency treatment facilities. Keep away from ignition, heat source and work site.
3. Avoid contact with oxidants.
4. Empty containers may contain hazardous materials.
5. Do not dump materials into the surrounding environment

Storage: Store in a cool, dry, and well-ventilated special warehouse. The warehouse temperature does not exceed 32°C and the relative humidity does not exceed 75%. Keep away from fire and heat sources. The package is sealed. It should be stored separately from oxidants, acids, halogens, etc., and avoid mixed storage. Use explosion-proof lighting and ventilation facilities. It is forbidden to use mechanical equipment and tools that easily generate sparks. The storage area should be equipped with suitable materials to contain the leakage.



MSDS

Section 8 – Exposure controls, Personal Protection

Maximum admissible concentration: No information is available.

Monitoring Method: No information is available.

Engineering Control: No information is available.

Respiratory Protection: Not necessary under normal use. In case of handling the decomposition or combustion products, use isolated breathing apparatus.

Eyes Protection: Not necessary under normal use. In case of handling the decomposition or combustion products, wear safety goggles.

Body protection: Not necessary under normal use. In case of handling the decomposition or combustion products, use rubber apron and protective clothes.

Hands Protection: Not necessary under normal use. In case of handling the decomposition or combustion products, use rubber gloves.

Other Protections: None

Section 9 – Physical and Chemical Properties

Appearance: Solid

Colour: Blue

Odour: Not available.

pH Value: Not available.

Boiling point: Not available.

Melting Point: Not available.

Flashpoint: No information is available.

Density: No information is available.

Upper flammable(explosive) limits in air-Lower (vol%)-UEL: Not available.

Oxidising properties: No information is available.

Vapour pressure: Not available.

Solubility in water: Insoluble

Partition coefficient (n-octanol / water): Not applicable at standard condition

Viscosity: Not available.

Vapour density: Not available.

Evaporation rate: Not available.

Ignition temperature: No information is available.



MSDS

Section 10 – Stability and Reactivity

Stability: Stable at normal temperature and pressure.

Distribution of Ban: No information is available.

Possibility of hazardous reactions: Acids, strong bases, acid chlorides, strong oxidants, halogens (fluorine, chlorine, etc.), oxygen

Conditions to Avoid: Humid air

Hazardous Polymerization: No information is available.

Hazardous Decomposition Products: No information is available.

Section 11 – Toxicological Information

Acute Toxicity: No information is available.

Sub-acute and Chronic Toxicity: No information is available..

Irritation: No information is available.

Sensitization: Morphological transformation: hamster embryo 5 μ mol/L; hamster kidney 400mg/L. (Nickel)

Mutagenicity: No information is available.

Carcinogenicity: No information is available.

Others: No information is available.

Section 12 – Ecological Information

Eco-toxicity: No information is available.

Biodegradable: Not easily degraded.

Non-biodegradable: No information is available.

Bioconcentration or biological accumulation: No information is available.

Other harmful effects: Do not allow undiluted or large quantities of products to come into contact with groundwater, waterways or sewage systems if water is slightly hazardous. If no government permits, do not discharge materials into the surrounding environment.



MSDS

Section 13 – Disposal Considerations

Nature of waste: No information is available.

Waste disposal methods: Refer to national or local regulations before handling (Appropriate incinerators burned or buried, improper burning may produce toxic gases such as CO) .

Attention abandoned: This product is not suitable for disposal by deep buried waste, nor is it suitable for discharge into public sewers, drainage systems, or natural rivers.

Section 14 - Transport information

Packing group: No information is available.

Proper shipping name: Battery box

Packaging Mark: No information is available.

Packaging Method: No information is available.

Transport Fashion: By sea, by road, by rail.

Transport Attentions: Examine whether the packages are integrate and sealed or not before transport. No collapse, no fall or no damage during the course of transportation. Prevent the product from exposing to the sun, the rain and high temperature. Stopovers should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen and isolated from the engine room, power and fire source.

International Air Transport Association (IATA) Dangerous Goods Regulations, 61th, 2020

The international Maritime Dangerous Goods (IMDG) Code (inc Amdt 39-18)

UN Number: No information is available.

Class: No information is available.

Section 15 – Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products – Content and order of sections.

GB/T 16483-2008 Safety data sheet for chemical products – Content and order of sections

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

The Regulations Concerning the International Transport of Dangerous Goods by Rail (RID)

U.S. Department of Transportation (DOT)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

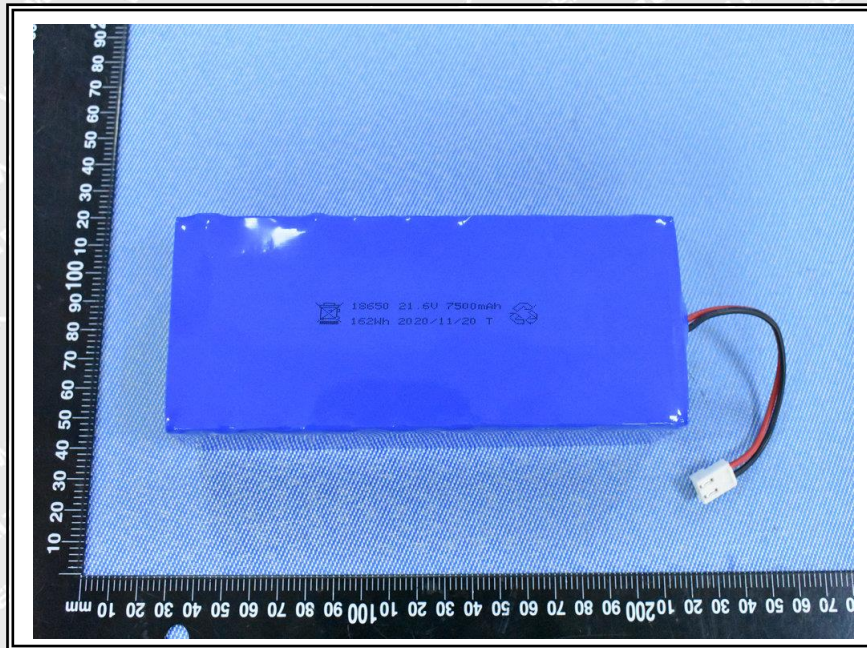


MSDS

Section 16 – Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for this particular purpose.

Sample photo:



===== End of MSDS =====