

Material Safety Data Sheet (MSDS)

NO.: B001R250306012002

Date: Mar 7, 2025

Page 1 of 5

Applicant: Dongguan hengtai New Materials Co.,Ltd

Address: No.3 Huangjiang Furong Road, Zhangmutou Town, Dongguan City,Guangdong

Sample name: Acrylonitrile Butadiene Styrene

Issue date: Mar 7, 2025

Test Requested: As specified by the client, This safety data sheet was prepared in accordance with UN GHS Rev.10, The EU CLP REGULATION (EC) No 1272/2008. Please refer to the attached report for details.

Dongguan City Tianrun Testing Technology Co.,Ltd.



Approved by: _____

Material Safety Data Sheet (MSDS)

NO.: B001R250306012002

Date: Mar 7, 2025

Page 2 of 5

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Acrylonitrile Butadiene Styrene

Manufacturer: Dongguan hengtai New Materials Co.,Ltd

Address: No.3 Huangjiang Furong Road, Zhangmutou Town, Dongguan City,Guangdong

Emergency Telephone: /

Email: /

Section 2 - Hazards Identification

GHS Hazard Categories:The product is not classified according to the GHS regulation.

Pictograms:None

Hazard information:None

Invasion route: None

Health hazards:Under the normal condition of application,contact do not cause absorption hazard and irritate.

Storage:

Store in a well-ventilated place.

Disposal:

Dispose of contents and container in accordance with national regulations.

Section 3 - Composition/Information on Ingredient

Pure ☐ Admixture ☒

Composition:

Chemical Name	In % By Weight	CAS No.
Acrylonitrile butadiene styrene resin	9003-56-9	99%
Carbon black	1333-86-4	1%

Section 4 - First Aid Measures

Skin contact: Under normal circumstances will not cause any harm.

Eyes contact: Under normal circumstances will not cause any harm.

Inhalation:Under normal circumstances will not cause any harm.

Ingestion:Under normal circumstances will not cause any harm.

Material Safety Data Sheet (MSDS)

NO.: B001R250306012002

Date: Mar 7, 2025

Page 3 of 5

Section 5 - Fire Fighting Measures

Danger characteristic:

Non flammable and non explosive dangerous goods.

Fire-fighting method:

The staff must equip with isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible.

Fire extinguishing agent:

Powder, CO₂, Sandy clay.

Section 6 - Accidental Release Measures

Methods for cleaning up: Material is non-hazardous, can be collected. Dispose of this product according to all national, state, and local regulations where applicable. Small amount of divulgence: Clean off. Collecte in a dry, clean, covered container and transferred to safe place; Massive divulgence: Recycle or transport to waste treatment place for handling.

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.

Storage: Keep in sealed container, place in a cool dry place.

Section 8 - Exposure Controls, Personal Protection

Occupational exposure limit:

MAC(mg/m³): No information

TWA(mg/m³): No information

STEL(mg/m³): No information

Engineering control: The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

Respiratory Protection: No protection in normal situation.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Material Safety Data Sheet (MSDS)

NO.: B001R250306012002

Date: Mar 7, 2025

Page 4 of 5

Section 9 - Physical and Chemical Properties

Appearance: Solid granule

Colour: Black

PH: N/A

Melting point/range: N/A

Density: N/A

Oxidising properties: N/A

Solubility in water: N/A

Partition coefficient(n-octanol / water): N/A

Evaporation rate: N/A

Odour: N/A

Boiling point/range: N/A

Flashpoint: N/A

Viscosity: N/A

Vapour pressure: N/A

Vapour density: N/A

Ignition temperature: N/A

UEL: N/A

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizing agent, strong acid

Conditions to Avoid: None

Hazardous Polymerization: None

Decomposition products: In normal condition of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute Toxicity: No known significant effects or serious harm.

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.

Section 12 - Ecological Information

Ecological toxicity: None

Persistence and degradation: No information

Potential bioaccumulation: No information

Migration in soil: No information

Other harmful effects: None

Material Safety Data Sheet (MSDS)

NO.: B001R250306012002

Date: Mar 7, 2025

Page 5 of 5

Section 13 - Disposal Considerations

Disposal method: Dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Disposal considerations: Choose to have certified disposal contractor.

Section 14 - Transport Information

According to IATA DGR 66th (2025) for transportation. The product as a non restricted goods transport.

According to IMO IMDG Code (Amdt 42-24) for transportation. The product as a non restricted goods transport.

UN number: None

Risk classification: Non-dangerous goods.

Land Transport ADR/RID: Not regulated for transport of dangerous goods.

Maritime Transport IMO/IMDG (42-24): Not regulated for transport of dangerous goods.

Air Transport IATA/ICAO: Not regulated for transport of dangerous goods.

Packaging Information: Packing according to customer requirements.

Transport Fashion: By sea、By air、By rail、By highway

Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

Section 15 - Regulatory Information

Regulatory Information:

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

Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

《Dangerous Goods Regulation》

《International Maritime Dangerous Goods》

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 results 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 his particular purpose.

End of MSDS