

CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

Product name: Acrylonitrile-butadiene type copolymer with calcium carbonate, and others

Issue date: 04-08-2026

Version #: 01

SECTION 1 Chemical product and company identification

Chinese name of chemical	丙烯腈-丁二烯系共聚物与碳酸钙和其他
English name of chemical	Acrylonitrile-butadiene type copolymer with calcium carbonate, and others
Product code	SBP-4400
Manufacturer/Supplier	ENEOS Materials Corporation
Address	1-5-2, Higashi-Shimbashi, Minato-ku Tokyo, Japan
Telephone	+81-3-6218-3643 (Monday to Friday, 09:00 - 17:45 Japan Standard Time)
e-mail	ENEOS_Materials_sds@eneos-materials.com
Emergency telephone number	+86-10-6445-9191; 400-817-9191 (In China, 24hours)

Recommended use and Limitations on use

Recommended use	General industrial use.
Limitations on use	For industrial use only.
Issue date	04-08-2026

SECTION 2 Hazards identification

Emergency overview	Exposure to powder or dusts may be irritating to eyes, nose and throat. White or Light yellow solid, powder.
--------------------	--------------------------------------------------------------------------------------------------------------

GHS hazard categories

Not classified.

Label elements

Pictograms	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	None.
Response	None.
Safety storage	None.
Disposal	None.

Physical and chemical hazards The product is stable and non-reactive under normal conditions of use, storage and transport. No unusual fire or explosion hazards noted.

Health hazards Dust may irritate respiratory system. Dust or powder may irritate the skin. Expected to be a low ingestion hazard. Dust may irritate the eyes.

Environmental hazards The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Supplemental information None.

SECTION 3 Composition/information on ingredients

Substance/mixture Mixture

Chemical name	Concentration (%)	CAS Number
丙烯腈-丁二烯系共聚物	75 - 85	Confidential
Acrylonitrile-butadiene type copolymer		

Chemical name

碳酸钙 Calcium Carbonate	10 - 20	471-34-1
其他成分 Other ingredient(s)	< 3	Confidential

SECTION 4 First aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Do not rub eyes.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms and health effects	Dusts may irritate the respiratory tract, skin and eyes.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Notes to physician	Treat symptomatically.

SECTION 5 Fire-fighting measures

Extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Extinguishing media to avoid	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards	During fire, gases hazardous to health may be formed.
Special fire fighting procedures	Move containers from fire area if you can do so without risk.
Protection of fire-fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
General fire hazards	No unusual fire or explosion hazards noted.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Wear appropriate personal protective equipment.
For emergency responders	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
Clean-up methods and materials and containment measures	Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water. Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.
Prevention of secondary hazards	Not available.

SECTION 7 Handling and storage

Handling	Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Practice good housekeeping.
Storage	Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8 Exposure controls/personal protection

Exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Monitoring methods	Follow standard monitoring procedures.

Engineering measures	If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.
Personal protective equipment	
Respiratory protection	Wear respirator with dust filter.
Hand protection	Wear appropriate chemical resistant gloves.
Eye protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear suitable protective clothing.
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 Physical and chemical properties

Appearance

Physical state	Solid.
Form	Powder.
Color	White or Light yellow.

Odor Slight.

pH Not available.

Melting point/freezing point Not available.

Boiling point, initial boiling point, and boiling range Not available.

Flash point Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Density 1 g/cm³ estimated

Solubility(ies)

Solubility (water) Insoluble

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Flammability (solid, gas) Not available.

Other data

Explosive properties Not explosive.

Oxidizing properties Not oxidizing.

SECTION 10 Stability and reactivity

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

Stability Material is stable under normal conditions.

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

Conditions to avoid Sunlight. Moisture. Heat, flames and sparks. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products No hazardous decomposition products are known.

SECTION 11 Toxicological information

Acute toxicity

Components	Species	Test Results
Calcium Carbonate (CAS 471-34-1)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	-	> 3 mg/l, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.	
Symptoms	Dusts may irritate the respiratory tract, skin and eyes.	
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Respiratory or skin sensitization		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitizer	This product is not expected to cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Not classifiable as to carcinogenicity to humans.	
Toxic to reproduction	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity following single exposure	Not classified.	
Specific target organ toxicity following repeated exposure	Not classified.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	Not available.	
Other information	This product has no known adverse effect on human health.	

SECTION 12 Ecological information

Ecotoxicological data		
Components	Species	Test Results
Calcium Carbonate (CAS 471-34-1)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Western mosquitofish (Gambusia affinis)
		> 56000 mg/l, 96 hours
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.	
Bioaccumulation	No data available.	
Mobility in soil	The product is immiscible with water and will spread on the water surface.	
Other hazardous effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

SECTION 13 Disposal considerations

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Local disposal regulations	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

SECTION 14 Transport information

CNDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15 Regulatory information

Law of the People's Republic of China on Prevention and Control of Occupational Diseases

Classification of occupational disease hazards

Marble dust (CAS 471-34-1)

Regulations on the Control over Safety of Dangerous Chemicals

Not regulated.

Other regulations

This safety data sheet conforms to the following laws, regulations and standards:

Measures for the Safe Use of Chemicals in Workplaces

General Rules for Preparation of Precautionary Labels for Chemicals (GB15258-2009)

Regulations on Labor Protection in Workplaces Where Toxic Products Are Used

Packing Symbol of Dangerous Goods(GB190-2009)

Regulations on the Control over Safety of Dangerous Chemicals

Safety Data Sheet for Chemical Products - Content and Order of Sections (GB/T 16483-2008)

Packing - Pictorial Marking for Handling of Goods (GB/T191-2008)

Environmental management regulations:

Inventory of Existing Chemical Substances in China (IECSC, 2013 edition): Listed *.

*A "Listed" indicates that all components of this product comply with the inventory requirements administered by the governing country.

International regulations

Stockholm Convention

Not listed.

Rotterdam Convention

Not listed.

Montreal Protocol

Not listed.

Kyoto protocol

Not listed.

Basel Convention

Not listed.

SECTION 16 Other information

References

EPA: AQUIRE database

GB6944-2012: Classification and Code of Dangerous Goods.

GB12268-2012: List of Dangerous Goods.

IARC Monographs. Overall Evaluation of Carcinogenicity

NLM: Hazardous Substances Data Base

Disclaimer

1. To the best of our knowledge as of the date hereof, the information contained herein is accurate. However, no warranty is made with respect to, and ENEOS Materials Corporation or any of its subsidiaries, assumes no liability for lack of, the accuracy or completeness of the information contained herein.
2. The precautionary measures in handling the material which is the subject of this data sheet ("Material") as mentioned herein are based upon an assumption that the Material is handled in an ordinary way. In case of special handling, extra or different safety measures suitable therefor need to be taken.
3. It is your own responsibility to examine and confirm if the Material meets or suits any regulation or restriction in your country or of your local authority.
4. Final determination of safety and suitability of the Material for your intended use is your sole responsibility. The Material may present unknown hazards, and therefore should be handled with adequate caution. Although certain hazards are described herein, neither ENEOS Materials Corporation nor any of its subsidiaries guarantees that they are the only hazards which exist in relation to the Material.