

## Safety Data Sheet (SDS)

---

### 1,CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name **Rubber Sponge NBR-4413E**

#### COMPANY IDENTIFICATION

Company name INOAC CORPORATION  
Department Elastomer Quality Assurance Division  
Address 680 Hongo, Ikeda-cho, Ibi-gun, Gifu-pref. 503-2417  
Telephone +81-585-45-7845  
Fax +81-585-45-6112  
Emergency telephone +81-585-45-2808

---

### 2,HAZARDS IDENTIFICATION

#### GHS Classification

Physical and chemical hazards Not classified  
Health hazards Not classified  
Environmental hazards Not classified

Other hazards No information

---

### 3,COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture Mixture  
General name : Acrylonitrile Butadiene type rubber sponge

Major component : Acrylonitrile Butadiene rubber (NBR)

---

### 4,FIRST AID MEASURES

Eyes Contact Immediately rinse with fresh water at once. As eyes might be damaged, undergo the ophthalmologist's diagnosis.

Skin Contact In case of itching or rash, immediately wash with clean water and take medical treatment depending on the condition.

Inhalation Not correspond since it is a solid  
However, when the foaming gas emitted out of a product is inhaled so much, it moves to the place of fresh air and doctor's diagnosis depending on condition.

Ingestion Undergo the doctor's diagnosis without making it breatheout by force.

Protection of the person who takes measures emergency The rescuer must wear an appropriate protective equipment of eyes and skins etc. according to the situation.

Special notes to doctor Not applicable

---

#### 5, FIRE-FIGHTING MEASURES

Suitable extinguishing media	Fire extinguisher of foam, dry chemical powder, carbon dioxide are
Unsuitable extinguishing media	Not applicable
Peculiar hazard at a fire	There is a potential of graphite, carbon monoxide, nitrogen oxide, hydrogen chloride and other gas occurrence from thermal decomposition or incomplete combustion of burning.
Special extinction method	Fire is extinguished from the windward.
Protection for fire-fighters	Wear the suitable protective equipment when you work extinguishing fire.

---

#### 6, ACCIDENTAL RELEASE MEASURES

Personal precautions	Not applicable
Environmental precautions	Not applicable
Removal method	Stop a leak, if not dangerous.
Prevention measure of secondary disaster	Exclude the near one that becomes an ignition source.

---

#### 7, HANDLING AND STORAGE

Handling	
Technical measure	Not applicable
Safety handling notes	Since electrostatic property is high, please perform the measure against static electricity if needed.
Evasion of contact	Since it may discolor when some [such as copper and brass, ] metal is made to contact, please take care.
Sanitary measure	No information
Storage	
Technical measure	Not applicable
Substance which forbids mixing	Not applicable
Storage conditions	Avoid direct rays and heat and high humidity, and keep it not to load a heavy load in a cool place.
Packaging material	Not applicable

---

#### 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

Management concentration	No knowledge
Permissible concentration	No knowledge
Facility and equipment measures	When you perform processing out of which particulates come, place local ventilation equipment as a measure against a particulate, or perform moderate ventilation.
Protective equipment	
Respiratory protective device	Wear an antidust mask, when particulates are generated.
Protective equipment for eyes	Not applicable
Protective equipment for hands	Wear protective glasses, when particulates are generated.
Protective equipment for the skin and the bodies	Not applicable

---

## 9,PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid (Foam)
Colour	Black
Oder	A characteristic smell
Density of appearance	0.18 g/cm <sup>3</sup> (approx.)
Ignition point	No knowledge
Solubility	It does not dissolve to water.

---

## 10,STABILITY AND REACTIVITY

Reactivity, chemical stability	None
Possibility of a dangerous and harmful reaction	None
Condition to avoid	Not applicable
Dangerous material when mixing	None
Hazardous Decomposition products	None

---

## 11,TOXICOLOGICAL INFORMATION

Product toxicity Data	There is no information that shows the hazardous property.
Contacts with Skin	There is no information that shows the hazardous property.
Contacts with Eyes	There is some stimulus by foaming gas.
Respiratory sensitization	There is no information that shows the hazardous property.
Skin sensitization	There is no information that shows the hazardous property.
Germ cell mutagenicity	There is no information that shows the hazardous property.
Carcinogenicity	There is no information that shows the hazardous property.
Reproductive toxicity	There is no information that shows the hazardous property.
Specific target organ toxicity-single exposure	There is no information that shows the hazardous property.
Specific target organ toxicity-repeated exposure	There is no information that shows the hazardous property.
Aspiration hazard	There is no information that shows the hazardous property.

---

## 12,ECOLOGICAL INFORMATION

Ecotoxicity	There is no information that shows the hazardous property.
Persistence and Degradability	There is no information that shows the hazardous property.
Bioaccumulative potential	There is no information that shows the hazardous property.
Mobility in soil	There is no information that shows the hazardous property.
Hazardous property to the ozone layer	There is no information that shows the hazardous property.

---

## 13,DISPOSAL CONSIDERATION

Waste which remained	Observe the law in the country and the region, and abandon it. Or entrust processing to the industrial waste treatment company who obtained permission.
The receptacle and packing which were polluted	Observe the law in the country and the region, and abandon them. Or entrust processing to the industrial waste treatment company who obtained permission.

---

#### 14,TRANSPORT INFORMATION

##### International regulation

##### Land transportation

U.N. number	Un-corresponding
Name	Un-corresponding
U.N. classification	Un-corresponding

##### Marine transportation

U.N. number	Un-corresponding
Name	Un-corresponding
U.N. classification	Un-corresponding
The substance which pollutes the ocean	Un-corresponding

##### Air transportation

U.N. number	Un-corresponding
Name	Un-corresponding
U.N. classification	Un-corresponding

---

#### 15,REGULATORY INFORMATION

Fire Protection Law (in Japan) Specified combustible  
A zinc oxide, zinc stearate, and carbon black are notice object substances of Industrial Safety and Health Act.

---

#### 16,OTHER INFORMATION

- It is the one offered as a reference information, and not the one guaranteed for data and the evaluation of the description though this material safety data sheet is made for usual handling based on material and information that have been able to be acquired now.
- Polyurethane foam is normally solid and no possibility to change the product of powder or grain, therefore company haveno need to show SDS and safety labels as a rule.
- The content might be revised based on a revision of the government ordinance and a new finding.
- The numerical values are not guarantee ones.