

Material Safety Data Sheet

Product Number : 1010-70-TA

1. Identification Of The Substance / Preparation And Company

Product Information: Acrylonitrile Butadiene Rubber Compound

Product Number: 1010-70-TA

Information On Producer/Supplier:

EDCO Seal and Supply Ltd, Quartz Close, Enderby, Leicester, LE19 4SG. Tel: 0116 275 4720 | Fax: 0116 275 4721

2. Composition / Information On Ingredients

MIXING:

Chemical Character :

Components Name	CAS No.	Concentration / Percentage
Nitrile-Butadiene Rubber	9003-18-3	40.0~46.0
Carbon Black	1333-86-4	38.0~44.0
Calcium Carbonate	00471-34-1	3.0-5.0
Plasticizer	103-23-1	5.0-7.0
Zinc oxide	1314-13-2	1.0-3.0
Stearic Acid.	57-11-4	0.2-0.6
Anti-oxidant	26780-96-1	0.4-0.8
Sulfur	7704-34-9	0.1-0.3
MBT	149-30-4	0.2-0.6
CBS	95-33-0	0.2-0.6
TMTD	97-77-8	0.4-0.8

3. Hazard Identification:

Most Important Hazards: Not hazardous.

Signs and Symptoms of Overexposure: No significant adverse effects from a single exposure expected from normal use.

Overall Hazard Classification: Not classified to be a dangerous material.

4. First Aid Measures:

Eyes: Immediately flush with water.

Skin: No first aid should be needed.

Ingestion: Wash out mouth with water provided person is conscious. never give anything by mouth to an

Inhalation: No first aid should be needed.

5. Fire Fighting Measure

Suitable Extinguishing Media: Water spray, dry chemical, CO₂, foam

Special Extinguishing Procedure: If possible, remove the tinder. Use water cooling contenders in a fire cover

Special protection Equipment : Firefighters should be equipped with self-contained breathing.

6. Accidental Release Measures

Step to be taken in case material is released or spilled: Collect spilled materials and place in a container.

7. Handling And Storage :

- Keep container closed when not in use.
- Store in a cool place and do not expose to temperatures above 50.
- Keep away from heat and flame.
- Keep out of reach of children.

8. Exposure Control/Personal Protection

Local Ventilation: None should be needed.

General Ventilation: Recommended.

Biotic Index : None

Personal Protection Equipment :

Respiratory Protection: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Hygiene Procedures: food forbidden, wash hands after work, keep good management of storage.

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9. Physical And Chemical Properties / Characteristics

Appearance: Solid Type	Form: Rubber parts, o-ring, washer...etc..
Color: Black	Odor: Weak aromatic
PH value: Not determined.	Boiling Point/Boiling Range: Not determined.
Decomposition Temperature: Not determined.	Flash Point: Not determined.
Ignition Temperature: Above 200	Exposure Limits: Not applicable
Vapor Pressure: Not determined.	Vapor Density: Not determined.
Specific Gravity: 1.25	Solubility In Water: Insoluble

10. Stability And Reactivity:

Stability: stable

Thermal decomposition:

Above 200 (TGA, Heating rate 20 /min)

Hazardous Decomposition Products:

Formation of acrylonitrile, butadiene, hydrogen cyanide and further

11. Toxicological Information :

Acute oral toxicity (LD50): No hazard likely.

Effect on the eyes: No hazard likely.

Effect on the skin: No hazard likely.

Local Effects: No known applicable information

Sensitive: None known

Chronic: No known applicable information

Exceptional Effect: None known

12. Ecological Information:

Possibility Of Environmental Impact/Move: None

13. Disposal Information:

Disposal Information: May be incinerated in a suitable facility provided local regulations are observed.

14. Transport Information:

International Transport Regulation: Not assessed

The United Nations Number(Un-No): None

Internal Transport Regulation: None

Special Transport Way And Note: Not available

15. Regulatory Information:

Apply Regulation: None