

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1. Product identifier

Tradename: Acrylonitrile, 1,3 Butadiene, and Styrene Co-polymer

Product code: ABS-HI (High impact)

2. Relevant identified uses of the substance or mixture and uses advised against

Product use: Electronic Goods, Automotive Parts, Package, etc

3. Details of the supplier of the safety data sheet:

Supplier: Laboratorio Geométrico S.L.
Calle Segunda (Polígono Industrial El Montalvo III), 4,
37188, Carbajosa de la Sagrada
info@winkle.shop
670 37 88 29

4. Emergency telephone number

Emergency telephone numbers (24 hours a day): 112

2. HAZARDS IDENTIFICATION

1. Threshold limit

Not established

2. Effect of overexposure

Eye contact: Solid or dust may cause irritation or corneal injury due to mechanical action

Skin contact: Essentially nonirritating to skin, mechanical injury only

Skin absorption: Unlikely due to physical properties

Ingestion: Unlikely due to physical state

Inhalation: Dust may cause irritation to respiratory. In case of breathing, fumes released from heated material may cause respiratory irritation

Chronic effects: Not available

Mutagenicity: No available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name and CAS	Contents %
ABS (Acrylonitrile-Butadiene-Styrene) 9003-56-9	95 ~ 100
Typical stabilizer	0 - 3
Typical lubricants	0 - 5

4. FIRST AID MEASURES

1. Description of first aid measures

Eye contact:	Immediately rinse eyes with copious amount of running water and seek medical advice
Skin contact:	Essentially nonirritating to skin but rinse with copious water
Ingestion:	If vomiting occurs, lower the head to ease vomiting and seek for medical Advice
Inhalation:	In case of breathing, fumes released from heated material may cause respiratory irritation In case of inhaling dense smoke, immediately remove a person to fresh air. If necessary, apply artificial respiration and seek medical attention immediately
Mutagenicity:	Not available

5. FIREFIGHTING MEASURES

1. Flammable properties

Flash point:	None
Method used:	Not applicable
Auto ignition temperature:	Not applicable

2. SExtinguishing Media

Usually use water and use extinguishing media appropriate to surrounding conditions

3. Special fire fighting procedure

Cool Containers with water spray. In closed stores, provide fire fighter with self-contained breathing apparatus in positive pressure mode

4. Usual fire and explosion hazards

Irritating gases and dense smoke

6. ACCIDENTAL RELEASE MEASURES

1. Personal precautions

Pellets or beads may present a slipping hazard

2. Environmental precautions

Keep out of irrigation ditches, sewers, and water supplies Spills should be collected to prevent contamination of waterways

3. Cleanup

Sweep up

7. HANDLING AND STORAGE

1. Handling

Avoid formation of dust. Keep bags always closed / Keep container lightly closed. Avoid pellets / bags from getting wet

2. Storage

Keep bags / containers in a well-ventilated place. Avoid pellets / bags from getting wet

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1. Engineering Controls

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations

2. Personal Protective Equipment

Eye/face protection: Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles

Skin protection: No Precautions other than clean body-covering clothing should be needed

Respiratory protection: For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator. In dusty atmospheres, use an approved dust respirator

Exposure Guideline (s): Although some of the additives used in this product may have exposure guidelines, these additives are encapsulated in the product and no exposure would be expected under normal handling conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pellet
Odor:	Almost Odorless
pH:	Neutral

Boiling point:	Not applicable
Evaporation rate:	Not applicable at standard condition
Specific gravity:	1.05
Vapor pressure:	Not applicable at standard condition
Vapor density:	Not applicable at standard condition
Solubility in water:	Insoluble
Solubility in other solvent:	Soluble in THF, Acetone and other Analogous Solvents

10. STABILITY AND REACTIVITY

1. Stability

Stable under normal condition

2. Storage conditions to avoid

Avoid fire and heating above 60°C

3. Incompability

None know

4. Hazardous decomposition products

Not applicable

5. Hazardous polymerization

Not occur

11. TOXICOLOGICAL INFORMATION

See Section 3 for Potential Health Effects. For detailed toxicological data, Write or call the address or phone number shown in Section 1.

12. ECOLOGICAL INFORMATION

1. Environmental fate

Movement & partitioning No bioconcentration is expected because of the high molecular weight (MW>1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment

Degradation & persistence This water insoluble polymeric solid is expected to be inert in the environment. Surface degradation is expected with exposure to sunlight. No appreciable biodegradation is expected

2. Ecotoxicity

Not Expected to be acutely toxic, but pellets, if ingested by waterfowl or aquatic life, may mechanically cause adverse effects.

13. DISPOSAL CONSIDERATIONS

1. Disposal

Do not Dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with appliance laws are the responsibility solely of the waste generator.

For unused & uncontaminated product, the preferred options include sending to a licensed, permitted: recycler, reclaim, incinerator or other thermal destruction device.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations

15. REGULATORY INFORMATION

Listed below are chemical substances subject to supplier notification requirements.

U.S. REGULATIONS :

TSCA INVENTORY STATUS : This product complies with the Chemical Substance Inventory requirements of the US EPA TSCA.

CERCLA SECTION 103 (40CFR302.4) : Not Listed

SARA SECTION 313 (40CFR372.65) : Not Listed

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21)

ACUTE : Not Listed

CHRONIC : Not Listed

FIRE : Not Listed

REACTIVE : Not Listed

SUDDEN RELEASE : Not Listed

STATE REGULATIONS :

California Proposition 65 : Not Listed

EUROPEAN REGULATIONS :

EC NUMBER : Not assigned

This product complies with the requirements of resolution of European Parliament (WE) no. 1907/2006 Dated December 18 2006 concerning REACH (European Union Official Register L396 with its changes In EU Official Register no. L136)

16. OTHER INFORMATION

Product should be handled, stored, and used in accordance with the generally accepted industrial hygiene practices and in conformity with all the applicable legal regulations.

The information provided herein is based on the knowledge possessed at this present time from the view point of safety requirements.

It should, therefore, not be construed as guaranteeing specific properties.