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|--|---|--------------|--------------------|
|  <b>LG Yongxing</b><br><br>Ningbo LG Yongxing Chemical Co.,Ltd. | <b>SDS</b><br><b>(SAFETY DATA SHEET)</b><br><b>Grade: MRC121N70</b><br><b>ABS RESIN</b> | File Number  | SDS- ABS MRC121N70 |
|  |   | Issued Date  | 2021.09.10         |
|  |   | Revised Date |                    |
|  |   | Revised Item |                    |
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Part 1 Product and Company Identification

|                        |   |
|------------------------|---|
| Chemical Product Name  | Acrylonitrile Butadiene Styrene Co-polymer                        |
| Manufacturer           | Ningbo LG Yongxing Chemical Co.,Ltd                               |
| Manufacturer's Address | 66, Haitian Road,Houhaitang Industry Zone, Zhenhai, Ningbo, China |
| Postalcode             | 315200  |
| Contact Number         | 86-0574-86377320  |
| Fax                    | 86-0574-86377167  |
| Emergency Tel          | 86-0574-86377114  |
| Usage                  | Electronic Goods, Automotive Parts, Package, etc                  |

Part 2 Hazards Identification, Including Emergency Overview


|                                |  |
|--------------------------------|--|
| Hazards Category               | N/P  |
| Route of Entry Indicators      | Inhalation,Ingestion,Skin Absorption,Eye Contact |
| Health Hazards Acute & Chronic | N/P  |
| Environment Indicators         | N/P  |
| Explosive Indicators           | N/P  |
| Carcenogenicity Indicators     | N/P  |

Part 3 Compositon/Information on Ingredients

|   | <u>CAS Number</u> | <u>Contents</u> |
|---|-------------------|-----------------|
| PCR-ABS(Acrylonitrile Butadiene Styrene Co-polymer) | 9003-56-9         | 69-70%          |
| ABS(Acrylonitrile Butadiene Styrene Co-polymer)     | 9003-56-9         | 30-31%          |
| Typical Antioxidants                                |                   | 0-1%            |
| Typical Lubricants                                  |                   | 0-1%            |

Part 4 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                         |

|  |                                       |              |                    |
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|            |   |
|------------|---|
| Inhalation | or medical advice<br>In case of breathing, fumes released from heated material may cause respiratory irritation<br>In case of inhaling dense smoke, immediately remove a person to fresh air. If necessary, apply artificial respiration and seek medical attention immediately |
|------------|---|

**Part 5 Fire Fighting Measures**

|                                  |  |
|----------------------------------|--|
| Flash Point                      | Not Applicable   |
| Flammability                     | 1.5mm HB   |
| Auto Ignition Point              | Not Applicable   |
| Extinguishing Media              | Usually use water and use extinguishing media appropriate to surrounding conditions  |
| Special Fire Fighting Procedure  | Cool containers with water spray. In closed stores, provide fire fighter with self-contained breathing apparatus in positive pressure mode |
| Usual Fire and Explosion Hazards | Irritating gases and dense smoke   |

**Part 6 Accidental Release Measures**

|                       |   |
|-----------------------|---|
| Cleaning Method       | Sweep, use vaccum cleaner, or shovel into intact packaging for waste disposal or possible re-use                  |
| Waste Disposal Method | Reuse or transfer to an approved disposal area. Observe all federal, state, or local regulations upon disposition |

**Part 7 Handling and Storage**

|          |   |
|----------|---|
| Handling | Aviod formation of dust<br>Keep bags always closed /Keep container lightly closed<br>Avoid pellets /bags from getting wet |
| Storage  | Keep bags/container in a well-ventilated place<br>Avoid pellets /bags from getting wet                                    |

**Part 8 Exposure Controls & Personal Protection**

|            |   |
|------------|---|
| Eye        | Safety goggles  |
| Hands      | Protective gloves   |
| Respirator | Chemical protect respirator (fumes released form heated material) |
| Others     | If necessary, use protective equipment handling this product      |

Part 9 Physical & Chemical Properties

|                             |  |
|-----------------------------|--|
| Appearance                  | Pellet   |
| Odor                        | Almost Odorless                                      |
| PH                          | Neutral  |
| Specific Gravity            | 1.03~ 1.05   |
| Evaporation Rate            | Not applicable at standard condition                 |
| 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 |

Part 10 Stability and Reactivity Data

|                             |                                   |
|-----------------------------|-----------------------------------|
| Stability                   | Stable under normal condition     |
| Storage conditions to avoid | Avoid fire and heating above 60°C |
| Incompatibility             | None known                        |
| Hazardous decomposition     | CO,HCN,AN                         |
| Hazardous polymerization    | None known                        |

Part 11 Toxicological Information

|                     |  |
|---------------------|--|
| Irritating Property | In case of burning, Irritating gases and dense smoke released from material may cause eyes and nose irritation |
|---------------------|--|

Part 12 Ecological Information


|                       |   |
|-----------------------|---|
| Ecological Toxicity   | N/P   |
| Biologic Decompose    | N/P   |
| Abiological Decompose | Can be decomposed under sunlight and oxygen condition |

Part 13 Disposal Considerations

|                    |                                      |
|--------------------|--------------------------------------|
| Disposal Character | Not belong to the dangerous material |
| Disposal Method    | Burned by a suitable incinerator     |

Part 14 Transport Information

N/P

|  |                                       |              |                    |
|--|---------------------------------------|--------------|--------------------|
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Part 15 Regulatory Information

N/P

Part 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.