

Material Safety Data Sheet

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Non-Hazardous according to criteria of Worksafe Australia.

Company Details

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1. Product Identification

SHINY SLR-200 LASER RUBBER A4 PK10 COLOUR: RED OR GREY

2. Composition.

Sheets of cured Styrene Butadiene Rubber (SBR) compound. Mineral filled and silica reinforced. Zinc Oxide, Stearic Acid activation. Paraffinic Oil plasticization. Phenolic derived antioxidants. Organic Accelerators in combination with Sulphur for curing. Miscellaneous additives include Pigments, Process Aids, Retarders, Desiccants, Masking Compound and Activators.

3. Hazard Identification.

Prolonged heating of temperatures above 250°C will cause decomposition, finally emitting fumes and vapours, which may be toxic and flammable.

4. First Aid.

Eye Contact.

In the event of eye contact with fumes, decomposition products or hot compound, immediately flush with water.

Skin Contact.

In the event of skin contact with decomposition products, cool skin rapidly with cold water and wash off with soap and water.

Inhalation.

If fumes, decomposition products or high temperature emitted vapours are inhaled, move to fresh air. In cases of extreme exposure consult a doctor.

5. Fire Fighting Measures.

Ignition Temperature: 200°C

Extinguishing Media: Water, Foam, Carbon Dioxide or Dry Chemical.

Hazardous Decomposition Products:

Combustion generates Carbon Dioxide, Carbon Monoxide, Hydrocarbons and complex fumes derived from the decomposition products of organic Accelerators, Antioxidants, Activators, Plasticisers and process aids. Traces of Styrene and Butadiene Monomers, both toxic irritants, may also be present.

Protective Clothing: self-contained breathing apparatus; full gas suit.

6. Handling and Storage.

Avoid inhalation of processing vapours and fumes.
Do not consume food when handling.
Ensure maintenance of personal hygiene standards.

7. Exposure Controls & Personal Protection.

The C.O.S.H.H regulations of 1988 state that rubber fumes be contained within a maximum exposure level, M.E.L, of 0.75mg/m³ measured by personal operator sampling, and expressed as an 8 hour time weighted average. This limit was reduced to 0.6mg/m³ from January 1990.

Sufficient local exhaust ventilation must be provided at processing centers to ensure compliance with these regulations.

Exhaust air should be filtered to remove dust and any other solids contained in processing fumes. Contaminated filters should be handled with care to prevent spillage. Disposal of filters as industrial waste is generally acceptable.

8. Disclaimer

This material Safety Data Sheet has been developed according to the NOHSC guidelines. It is believed that the information contained is accurate at the date compiled. The information and recommendations made herein are offered in good faith and without the acceptance of responsibility for its accuracy. Astron Industries recommend that all users of this product become acquainted with all regulations concerned with gaseous emissions prior to processing. No responsibilities or warranties of any kind, expressed or implied, are given.