



MATERIAL SAFETY DATA SHEET

CHLOROBUTYL RECLAIM RUBBER

1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER DETAILS

Product Name: Chlorobutyl Reclaim Rubber

2. COMPOSITION/INFORMATION ON INGREDIENTS

Inner Tube Reclaim of Chlorobutyl polymer content: About 50-60% Rest - Carbon Black, RPO & Filler

3. HAZARDS IDENTIFICATION

This Product is not hazardous to health & environment but a little care is required due to Zinc oxide.

4. FIRST AID MEASURES

Eye Contact: Do not rub eyes, which may cause particles to scratch the eye. Immediately flush contaminated eyes with lukewarm, gently running water for at least 5-15 minutes while holding the eye lids open. Take care not to rinse contaminated water into non-affected eye. Neutral saline solution may be used for flushing if available. If eye irritation persists, transport victim to medical facility. **Skin Contact:** Wash skin gently with soap and water to remove dust. If irritation occurs and/or persists, seek medical attention. **Inhalation:** Remove to fresh air. Drink water to clear throat. Blow nose to remove dust. **Ingestion:** Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or is convulsing. Since the effect if ingestion of rubber has not been determined, only seek immediate medical help if large quantities have been ingested. **Other First Aid:** If ignited by excessive heat or open flame, this product will burn causing the release of toxic and irritating smoke. Smoke may contain noxious compounds and acrid compounds of sulphur. During fire conditions, smoke is irritating to the eyes and respiratory tract. Powder or dust may form explosive concentrations when mixed in sufficient quantities of air.



5. FIRE FIGHTING MEASURES

Conditions Of Flammability: Will burn when exposed to excessive heat or flame.

Extinguishing Media: Carbon dioxide, water, foam, dry chemical.

Flashpoint: Not Applicable

Auto ignition Temperature: 370-450 deg. C

Protective Equipment: All extinguishing media permitted, water recommended.

Full emergency equipment with self contained breathing apparatus must be worn.

During combustion, irritating and/or toxic gases and aerosols from decomposition products may be present. Fight fire from up-wind.

Sensitivity to Impact or static discharge: Not sensitive. Hazardous Combustion

Products: Unidentified hydrocarbons in smoke, oxides of sulphur and carbon.

6. ACCIDENTAL RELEASE MEASURES

Personnel Precautions: Use proper personal protective equipment as listed in point no 8.

Spill Cleanup Measures: Release of powdered rubber into the environment may cause particulate to form an explosive mixture in air. If release of ground rubber results in the formation of dust, remove all sources of heat and ignition.

Provide immediate and plentiful ventilation. Contain spilled material for disposal or recycling. If sweeping is necessary, use dust suppression such as water. Do not dry sweep dust accumulation or use compressed air for cleanup. Material may be reused in process if clean, otherwise collect in approved containers and dispose according to the requirements in point no 13.

7. HANDLING AND STORAGE HANDLING:

No Special Precautions Necessary Storage: Store in a cool dry place below 60 C away from sources of heat or ignition.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines Engineering Controls: Use general or local exhaust ventilation to maintain exposure below the exposure limits. If heated during processing, provide adequate non-sparking ventilation to minimize Fumes in the workplace.

Personal Protective Equipment: As supplied, the extender oil is bound in a polymer matrix and exposure to skin would only be trace quantities or less. If



prolonged contact is involved, care should be taken to minimize exposure by preventing contact with skin. Wear loose fitting clothing that covers exposed areas. Frequent washing of exposed areas is recommended. Eye protection is required such as safety glasses with side shields. The wearing of contact lenses is not recommended. Footwear as required by worksite rules, but impervious. Have a safety shower and eyewash station readily available in the immediate work area. Respiratory Protection: Under normal conditions of use, respiratory protection is not necessary. If dusting is an Occurrence during processing, then use of a particulate respirator is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Tacky, solid & Soft	Odor and Appearance: Reclaimed
Odor Threshold: Not determined	Rubber Boiling Point: Not applicable
Evaporation Rate: Not applicable	Melting Point: Not available Vapour
Freezing Point: Not applicable	Density: Not applicable PH: Not
Vapour Pressure: Not applicable	applicable Coefficient of Water to Oil
Flash Point: Not Applicable	distribution: Insoluble in water partially
Volatility (°A by volume): Not applicable	soluble in acetone

10. STABILITY AND REACTIVITY

Chemical Stability: Yes
Hazardous Polymerization: Will not occur
Conditions of Chemical instability: Avoid strong oxidizing agents.
Incompatible Substances: Avoid strong oxidizing agents.
Special Decomposition Products: Decompose above 200 C store at temperature below 60 C in the presence of Carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

No data available particularly for this product However, evidence after many uses suggest that it does not required classification under EEC law.



11. ECOLOGICAL INFORMATION

Ecotoxicity: Not Available

No hazardous- solid material insoluble in water Biological degradation degradation resistant

13. DISPOSAL CONSIDERATIONS WASTE DISPOSAL

Place used and contaminated material and packaging into suitable containers. Review and follow all local and national regulations before disposal.

14. TRANSPORT INFORMATION

Not classified as hazardous according to ADR, RID/IMDG/IMDG/ICAO/ADN. Section

15. REGULATORY INFORMATION

EC label: Not classified

16. ADDITIONAL INFORMATION

MSDS issue Notes:

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