

# SAFETY DATA SHEET

**Item # W1304**

## **1. Identification**

*Product*  
*Company Name*  
*Company Contact Info.*

Natural Rubber-Poly Isoprene  
Woodstock International, Inc.  
PO Box 2027  
Bellingham, WA 98227



## **2. Hazards Identification**

Health: The product contains no hazardous substances .  
Fire: The product burns and does not emit any toxic gasses  
Environment: The product is not considered dangerous for the environment.

## **3. Composition/Information on Ingredients**

No ingredients are added.

Composition Natural rubber (major); Composition % Weight (%)  
Natural Rubber 98.55  
Ash 0.45  
Volatile matter 0.50  
Nitrogen 0.45  
Foreign matter 0.05  
CAS No 90003-31-0

## **4. First Aid Measures**

Eye Contact: No specific measures are needed.  
Skin Contact: Wash skin thoroughly.  
Inhalation: Not possible.  
Ingestion: No specific measures are needed.

## **5. Fire-Fighting Measures**

The product burned producing high smoke.  
Fire extinguishing media: water spray, foam or carbon dioxide.  
No explosive hazards.

## **6. Accidental Release Measures**

No accidental release measures are required. If molten rubber contacts with skin, wash off with cool water or

warm water.

## **7. Handling and Storage**

Handling: avoid exposure to moisture, heat and direct UV rays as it becomes sticky. Exposure to heavy metals causes to degrade rubber faster. During processing and thermal treatment, provide adequate ventilation since small amount of volatile hydrocarbon may be released

Storage: Store in a cool and dry place with proper ventilation but no exposure to direct sun light. Avoid damp places as this absorbs moisture and possibility of growing fungus on the rubber.

## **8. Exposure Controls/Personal Protection**

No special exposure controls are needed for personnel protection.

## **9. Physical and Chemical Properties**

- (a) Physical State/Form Rubbery/flexible solid blocks.
- (b) Color Light yellowish to honey color.
- (c) Odor No distinct odor.
  
- (d) Boiling Point Not applicable.
- (e) Melting Point Natural rubber does not crystallize to a greater extent. However, for available NR crystallites Melting temperature is 298 -323 K.
- (f) Solubility in Water Insoluble.
- (g) Vapor Pressure Not applicable.
- (h) Specific Gravity 0.93

## **10. Stability and Reactivity**

during storage. Oxidize at high temperature and when exposed to UV radiation. Metal ion contamination catalyses the oxidation process. Unstable to fire. Easily inflammable. Keep away from excessive heat and flames.

## **11. Toxicological Information**

This product is considered non-toxic for human health.

## **12. Ecological Information**

This product is considered not dangerous for the environment.

## **13. Disposal Considerations**

Rubber products made out of Natural rubber can be

recycled to be used in low quality Rubber products.  
Incineration under controlled conditions can be recommended.

**14. Transport Information**

Standard transport by container/ pallets.

**15. Regulatory Information**

No regulatory restrictions/ Green book standards.