

# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION

Trade Name: Rubber Power Transmission Belts  
Product Class: Rubber Compounds

### Hazard Ratings:

Health = 0                      none -> extreme  
Fire = 0                         0 -> 4  
Reactivity = 0

### **MANUFACTURER**

CARLISLE POWER TRANSMISSION  
2601 W. Battlefield Rd  
P. O. BOX 3258  
Springfield, MO 65807

Information Phone: (417) 881-7440  
Emergency Phone: (417) 881-7440  
Safety or Material Development Dept.  
FAX Number: (417) 888-6510

**Note:** Transmission belts are considered to be an "article" as defined in OSHA's Hazard Communication Standard (29 CFR 1910.1200, (c), Definitions), and therefore no MSDS documentation is required. However, slippage / burning of rubber belts may release smoke or other unknown products of combustion. This Material Safety Data Sheet is intended to provide general handling guidelines and warnings which may apply to combustion products of rubber power transmission belts.

## SECTION II: HAZARDOUS INGREDIENTS

There are many individual chemical components in a rubber article. These chemical components are bound or reacted in a finished or "cured" product in such a way that the end product does not display the hazardous or toxic characteristics of the component ingredients.

## SECTION III: PHYSICAL DATA

Boiling Range: N/A  
Vapor Pressures (mm Hg): N/A  
Evaporation Rate: N/A  
Appearance and Odor: Rubber or textile outer layer with characteristic rubber type odor.

Vapor Density: N/A  
Solubility in Water: Insoluble  
Specific Gravity: 1.12-1.42  
Percent Volatile by Volume: N/A

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

<b>Flammability Classification</b>	<b>Auto Ignition Temperature</b>	<b>Extinguishing Media</b>
OSHA DOT Flash Point: N/A	~1000° F	Foam, CO2, dry chemical, water fog

<b>Special Fire Fighting Procedures</b>	<b>Unusual Fire And Explosion Hazards</b>
Noxious gases may be formed under fire conditions. Wear NIOSH approved self-contained breathing apparatus and full protective clothing.	N/A

## SECTION V: HEALTH HAZARD DATA

<b>Threshold Limit Value</b>	<b>Primary Route(s) of Exposure</b>	<b>Effects of Overexposure</b>
See Section II	Skin	Not known.

<b>Medical Conditions Aggravated by Exposure</b>	<b>First Aid</b>		
	<b>Skin/Eye Contact</b>	<b>Inhalation</b>	<b>Ingestion</b>
Possible Irritant	Skin: Wash with soap and water.	N/A	N/A

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## SECTION VI: REACTIVITY DATA

STABILITY:      Stable                    Unstable

HAZARDOUS POLYMERIZATION:      Will not                    May occur

INCOMPATIBILITY - - Materials To Avoid: Strong oxidizing agents.

CONDITIONS TO AVOID: Conditions that will cause burning.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, hydrocarbon gases.

## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:  
Pick up and follow waste disposal methods.

WASTE DISPOSAL METHOD:  
Dispose of in accordance with local, county, state and federal regulations.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A

VENTILATION: None required under normal conditions. Maintain adequate circulation to disperse concentrated fumes.

PROTECTIVE GLOVES: N/A. Recommended if irritation from handling develops.

EYE PROTECTION: None required.

OTHER PROTECTIVE EQUIPMENT: N/A

## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:  
Wash before eating or smoking. Do not store near flame or ignition source.

OTHER PRECAUTIONS:  
Potential for amine compounds to be nitrosated with nitrogen oxides, which produce carcinogens called N-nitroso compounds.

## SECTION X: REGULATORY

REPORTABLE CHEMICAL COMPONENTS UNDER SARA 312 / 313.

Ingredients	CAS #	Weight %
Zinc Compounds	1314-13-2	0-4