Tox no.: 184311 Last Reviewed (C2 Status): 13/Aug/2009

Product: Friction Materials - Non Hazardous, with SARA reportable: Copper and Zinc (metal, alloys & compounds)

## SECTION 12: ECOLOGICAL INFORMATION

Soluble copper is known to be an ecotoxin. A study conducted by the Santa Clara Valley Authority identified copper from disc brake pad wear debris as a major contributor to the high level of copper in San Francisco Bay. These findings have been disputed and are currently under review by the Brake Manufacturers Council PEC Committee, Santa Clara Valley Authority, MEMA, and the International Copper Association.

## SECTION 13: DISPOSAL CONSIDERATIONS

Federal and state law regulates disposal of solid waste. Waste should be placed in airtight containers. Disposal must be in accordance with 49CFR261, 40CFR262, and applicable state and local regulations.

## SECTION 14: TRANSPORTATION INFORMATION

Proper Shipping Name: Not regulated

Hazard Class: N/A
Identification Number: N/A
Packing Group: N/A
Shipping Label: None
Additional Marking Requirement: None

## **SECTION 15: REGULATORY INFORMATION**

U.S. TSCA: All chemicals used in the manufacture of this product are listed on the U.S. Toxic Substances Control Act (TSCA) Inventory

California Proposition 65: This product may contain ingredients known to the State of California to cause cancer, but only in amounts less that 0.01%.

SARA Title III – Section 313 Supplier Notification: This product contains the following chemicals subject to SARA Title III/CERCLA "reportable quantities" (RQs) and/or "threshold planning quantities" (TPQs) and/or are classified as "Toxic Chemicals" under the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR 372:

<u>Ingredient</u> <u>CAS Number</u> <u>% Weight</u> <u>Formulations containing</u>
SARA reportable ingredient

Copper (metal, & compounds) NA >1.....all formulations listed.....

For formulas containing copper: alloyed in Bronze or Brass ... see Section 2, note F

Zinc (metal & compounds ) NA >1 all formulations listed

RCRA Hazardous Waste Code: N/A

CERCLA Hazardous Substances: This product contains chemicals in the raw state classified as CERCLA

Hazardous Substances.

OSHA: OSHA has not developed standards other than PELs specific to its constituents.

WHMIS Classification: Not Available

Revised: new format (formulas & ingredients changed)