Revision Date: 27-May-2020

FIR No. 500404

Non-Asbestos Friction Material Akebono NS451H

Softening pointNo information availableMolecular weightNo information availableVOC Content (%)No information availableLiquid DensityNo information availableBulk densityNo information available

10. Stability and reactivity

Reactivity None under normal use conditions.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Excessive heat.

Incompatible materialsNone known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information No hazard from product as supplied. However, certain processing conditions such as

cutting, grinding, melting, etc. may lead to the potential of exposure to the hazardous materials present in the article. The information presented below is based on this type of

exposure.

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Contact with eyes may

cause irritation.

Skin contact Specific test data for the substance or mixture is not available. No known hazard in contact

with skin.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

irritation to mucous membranes.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None known.

Acute toxicity

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Barium sulfate	= 307000 mg/kg (Rat)	-	-
Graphite	-	-	> 2000 mg/m³ (Rat) 4 h
Magnesium oxide	= 3990 mg/kg (Rat) = 3870 mg/kg (Rat)	-	-