

N BRAKE SHOES

MSDS Number

BSGYL

National Stock Number

2530-00N041125

Product Name

N BRAKE SHOES

Manufacturer

GENUINE PARTS CO RAYLOC DIV

Product Identification

Product ID:N BRAKE SHOES

MSDS Date:09/15/1986

FSC:2530

NIIN:00N041125

MSDS Number: BSGYL

Responsible Party

GENUINE PARTS CO RAYLOC DIV

600 RAYLOC DR

ATLANTA , GA 30378

US

Emergency Phone: 404-691-3780

Info Phone: 404-691-3780

Preparer: PAUL LE COUR

Cage: GENUI

Contractor

GENUINE PARTS CO RAYLOC DIV

ATLANTA, GA 30378

US

404-691-3780

Cage: GENUI

Ingredients

ELASTOMERS

WOOD FLOUR AND OTHER FILLERS

IRON OXIDE

CAS: 1345-25-1

ZINC (SARA III)

CAS: 7440-66-6

RTECS: ZG8600000

OSHA PEL10 MG ZNO/M3

ACGIH TLV: 10 MG ZNO/M3
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

ALUMINUM OXIDE
CAS: 7429-90-5
RTECS: BD0330000
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3

BRASS OXIDE

COPPER OXIDE
CAS: 1317-38-0
RTECS: GL7900000
OSHA PEL0.1 MG/M3 FUME;1DUST
ACGIH TLV: 0.2 MG/M3 FUME;1DUST

LEAD (SARA III); (LEAD AND ITS COMPOUNDS)
CAS: 7439-92-1
RTECS: OF7525000
OSHA PEL0.05 MG/M3
ACGIH TLV: 0.15 MG/M3;DUST
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

COPPER MAY PRODUCE METALLIC TASTE IN MOUTH &
RTECS: 9999999ZZ

DUSTS IN EYE MAY CAUSE IRRITATION. GI DISTURBANCES
RTECS: 9999999ZZ

FITNESS, CAUSE FATIGUE, SLEEP DISTURBANCE,
RTECS: 9999999ZZ

& DECREASED APPETITE & PROGRESSIVE TO MORE SEVERE
RTECS: 9999999ZZ

OF OCC CHEMICAL REPROD HAZS. SEEK CONSULTATION FROM
RTECS: 9999999ZZ

INFO AND SAFE HANDLING & EXPOSURE RECOMMENDATIONS .

RTECS: 9999999ZZ

IF DUST FROM THIS PROD IS PRODUCED,

RTECS: 9999999ZZ

IN PLACE OF DRY BROOMING. USE WET METHOD OF

RTECS: 9999999ZZ

SHOULD BE PRACTICED BY EXPOSED WORKERS.

RTECS: 9999999ZZ

ASBESTOS, CHRYSOTILE

CAS: 12001-29-5

RTECS: CI6478500

OSHA PEL0.2 FIBERS/CC

ACGIH TLV: 2 FIBERS/CC

SILICA, CRYSTALLINE - TRIPOLI

CAS: 1317-95-9

RTECS: VV7336000

OSHA PEL0.1 MG/M3 RDUST

ACGIH TLV: 0.1 MG/M3 RDUST

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

GRAPHITE

CAS: 7782-42-5

RTECS: MD9659600

OSHA PEL2.5 MG/M3 RDUST

ACGIH TLV: 2 MG/M3 RDUST

COAL DUST

1-ALPHA-H, 5-ALPHA-H-TROPANE-2-BETA-CARBOXYLIC ACID,

CAS: 50-36-2

RTECS: YM2800000

OSHA PEL2 MG/M3 (MFR)

ACGIH TLV: 2 MG/M3 (MFR)

PHENOLIC COMPOUND

CASHEW COMPOUNDS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:SOME PERSONS MAY BE SENSIT TO CASHEW RESINS & DEVELOP DERMATITIS-TYPE PROBLEMS. DUST OF ASBESTOS, SILICA, TALC, GRAPHITE, CARBON BLACK, & COAL CAN PRODUCE PNEUMOCONIOSIS & OTHER LUNG DMG. METAL DUSTS CAN BE IRRIT OF THE EYES & UPPER RESP SYS. THERE IS LITTLE EVIDENCE OF CHRONIC INDUSTRIAL POISONING (EFTS OF OVEREXP)
Explanation of Carcinogenicity:CRYSTOTILE: GRP 1 (IARC SUP7,P106,'87), KNOWN CARCIN (NTP 6TH ANN RPT,'91), OSHA REG 29CFR1910.1001(J)(1)'92 (OTR PREC)
Effects of Overexposure:HLTH HAZ: FROM IRON, ALUMINUM, & ZINC DUSTS. COPPER MAY CAUSE KERATINIZATION & DISCOLORING OF SKIN. CHRONIC INTOXICATION FROM COPPER IS RARE & ONLY IN PERSNS W/WILSON'S DISEASE. ZINC & COPPER CAN PROD UCE METAL FUME FEVER, BUT IS GENERALLY ASSOC W/EXPOSURES TO FRESHLY GENERATED FUME OF THOSE ALLOYS (MOLTEN (SUPP DATA)
Medical Cond Aggravated by Exposure:COPPER EXPOSURE AND WILSON'S DISEASE.

First Aid

First Aid:SHOULD NOT BE NECESSARY FROM REASONABLE HANDLING OF THIS PRODUCT. EYE: IMMED FLUSH WITH POTABLE WATER FOR A MINIMUM OF 15 MIN. SEEK ASSISTANCE FROM MD . SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER . CALL MD . INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP). INGEST: GET MD IMMEDIATELY .

Fire Fighting

Extinguishing Media:WATER (CLASS A, B, OR C)
Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. PERSONNEL NOT HAVING SUITABLE RESP PROT SHLD LEAVE AREA TO PVNT SIGNIFICANT EXPOS TO TOX COMBUST (SUPP DATA)
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:GRINDING, DRILLING, MILLING, ETC. CAN RESULT IN THE RELEASE OF AIRBORNE DUST. MEASURES AS OUTLINED IN CONTROL MEASURES SECTION SHOULD BE FOLLOWED IF THIS OCCURS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:PRE-EMPLOYMENT SCREENING FOR ALLERGIES AND HISTORIES OF SKIN SENSITIVITIES MAY BE BENEFICIAL IN DETERMINING PERSONS SENSITIVE TO CASHEW MATERIALS.
Other Precautions:NONE SPECIFIED BY MANUFACTURER. CARCIN COMMENTS: TRIPOLI CRYSTALLINE SILICA: GRP 2A (IARC SUPP7, P341, '87).

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED FOR PNEUMOCONIOSIS - FIBROSIS PRODUCING DUSTS AND DUSTS WITH TLV NOT LESS THAN 0.05 MG/M3.
Ventilation:LOCAL EXHAUST: FOR DUST EXPOSURES EXCEEDING TLV. MECHANICAL (GENERAL): NOT RECOMMENDED FOR DUST EXPOSURES.
Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APRV CHEM WORK GOGG .
Other Protective Equipment:LONG SLEEVED SHIRTS/OTHER PROT CLTHG MAY BE
BENEFICIAL TO PVNT SKIN CNTCT OF PERSONS SENSITIVE TO CASHEW
RESINS.

Work Hygienic Practices:EMPLOYEES SHLD BE PROPERLY INSTRUCTED IN THE
CONTROL MEASURES AS INDICATED ABOVE WHEN THERE IS A NEED FOR
IT.(SUPP DATA)

Supplemental Safety and Health

FIRE FIGHT PROC:GASES FROM ANY SOURCE. EFTS OF OVEREXP:STATE). CHRONIC
EXPOS TO LEAD CAN AFFECT KIDNEYS, BLOOD, GUMS, GI SYS, & CNS. SIGNS
& SYMPS: CASHEW RESINS - SKIN ERUPTIONS SIMILAR IN APPEARANCE TO
POISON IVY. PNEUMOCONIOSIS - COUGHING, WHEEZING, SHORTNESS OF
BREATH, IMPAIRED PULMONARY FUNCTION. (ING 17)

Chemical Properties

Spec Gravity:1.8-2.8(H*20=1)

Evaporation Rate & Reference:0 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SOLID, LIGHT TAN TO DARK GRAY COLOR, FRICTION
MATERIAL ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION WILL CREATE
CARBON MONOXIDE AND DIOXIDE.

Disposal

Waste Disposal Methods:ASBESTOS: PER 40 CFR, PART 61, 29 CFR, PART
1910.1001. OTHER HAZ INGRED: PER 40 CFR, PART 261, 262 AND
APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

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