SAFETY DATA SHEET

SSP502-SERIES 30,45,55,60FR,60FR TRANSFER, 60UL94V1, F-60,65,77,F-80 DUROMETERS

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: SSP502-SERIES
OTHER MEANS OF IDENTIFICATION: NICKEL COATED GRAPHITE FILLED SILICONE
RECOMMENDED USE: CONDUCTIVE ELASTOMER, EMI SHIELDING
RESTRICTIONS ON USE: NONE

MANUFACTURED BY:
SPECIALTY SILICONE PRODUCTS, INC.
CORPORATE TECHNOLOGY PARK
3 MC CREA HILL ROAD
BALLSTON SPA, NY 12020

SUPPLIED BY:
SPECIALTY SILICONE PRODUCTS, INC.
CORPORATE TECHNOLOGY PARK
3 MC CREA HILL ROAD
BALLSTON SPA, NY 12020

HOURS: 8AM-5PM, MONDAY-FRIDAY

EMERGENCY TELEPHONE: (518)-885-8826
REVISED: 5/22/2015
REVISED BY: BRIAN BAYLY

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION OF MATERIAL: ACUTE TOXICITY, ORAL CATEGORY 4

SIGNAL WORD: WARNING
HAZARD STATEMENT(S): CAUSES RESPIRATORY TRACT AND SKIN IRRITATION. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. CANCER HAZARD- CONTAINS MATERIAL WHICH CAN CAUSE CANCER

SYMBOL(S):

PRECAUTION(S):
GENERAL- NOT APPLICABLE
PREVENTION- OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.
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USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED

RESPONSE - IF EXPOSED OR CONCERNED: GET MEDICAL ATTENTION

STORAGE - STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED. STORE LOCKED UP.

DISPOSAL - P501 DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH ALL LOCAL, REGIONAL, NATIONAL AND INTERNATIONAL REGULATIONS

OTHER HAZARD: NONE KNOWN
UNKNOWN TOXICITY INGREDIENTS: NONE KNOWN

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME: NICKEL COATED GRAPHITE FILLED SILICONE

COMMON NAME: SSP502 SERIES

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>CAS REG NO.</th>
<th>APPROX. WT. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>NICKEL</td>
<td>7440-02-0</td>
<td>35-45</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NON-HAZARDOUS COMPONENTS</th>
<th>CAS REG NO.</th>
<th>APPROX. WT. %</th>
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</thead>
<tbody>
<tr>
<td>METHYLVINYLPOLYSILOXANE</td>
<td>68037-87-6</td>
<td>25-35</td>
</tr>
<tr>
<td>GRAPHITE</td>
<td>7440-44-0</td>
<td>25-35</td>
</tr>
<tr>
<td>TREATED SILICA</td>
<td>68937-51-9</td>
<td>1-3</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

NECESSARY MEASURES:

EYES: RINSE WITH PLENTY OF WATER FOR 15 MINUTES
SKIN: WASH WELL WITH SOAP AND WATER
INGESTION: DRINK A GLASS OF WATER OR MILK AND SEEK MEDICAL ATTENTION
INHALATION: REMOVE TO FRESH AIR

SYMPTOMS, ACUTE AND DELAYED:

EYES: MAY CAUSE MILD EYE IRRITATION
SKIN: MAY CAUSE MILD IRRITATION
INGESTION: MAY BE HARMFUL IF SWALLOWED
INHALATION: NONE KNOWN

INDICATION OF MEDICAL ATTENTION AND TREATMENT NEEDED:

EYES: IRRITATION OCCURS
SKIN: IRRITATION OCCURS
INGESTION: IRRITATION OCCURS
INHALATION: IRRITATION OCCURS

NOTES TO PHYSICIAN: NONE
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SECTION 5: FIRE FIGHTING MEASURES

SUITEABLE EXTINGUISHING MATERIAL(S): FOAM, CO2 DRY POWDER OR WATER FOG.
UNSUITABLE EXTINGUISHING MATERIAL(S): NONE KNOWN
NATURE OF HAZARDOUS COMBUSTION PRODUCTS:
  CARBON MONOXIDE
  CARBON DIOXIDE
  SILICON DIOXIDE
  FORMALDEHYDE
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
OTHER SPECIFIC HAZARDS: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: GENERAL CLEANLINESS
PROTECTIVE EQUIPMENT: NONE
EMERGENCY PROCEDURES: NONE. CLEAN AREA
METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:
  - SCRAPE, SWEEP, OR GATHER UP MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL.
  - BURY IN A LICENSED LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:
  RESPIRATORY PROTECTION: NONE
  GLOVES: CLOTH OR RUBBER GLOVES
  EYES AND FACE: SAFETY GLASSES
  ENGINEERING CONTROLS: NONE
CONDITIONS FOR SAFE STORAGE:
  STORE AT AMBIENT TEMPERATURES, PREFERABLY 65°-85° F
IMCOMPATABILITIES: NONE

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PERMISSIBLE EXPOSURE LIMIT:

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>TYPE</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NICKEL</td>
<td>PEL</td>
<td>0.5 MG/M3</td>
</tr>
<tr>
<td>GRAPHITE</td>
<td>PEL</td>
<td>4.0 MG/M3</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: EXHAUST VENTILATION DURING CURE.
INDIVIDUAL PROTECTION MEASURES, EQUIPMENT:
  EYES AND FACE: SAFETY GLASSES
  GLOVES: CLOTH OR RUBBER
  RESPIRATORY PROTECTION: NONE
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (physical state, color, etc.): BLACK SOLID
ODOR: ESSENTIALLY ODORLESS
ODOR THRESHOLD: NOT AVAILABLE
Ph: NOT AVAILABLE
MELTING POINT: NOT AVAILABLE
INITIAL BOILING POINT: NOT AVAILABLE
FLASH POINT: NOT AVAILABLE
EVAPORATION RATE: <1
FLAMMABILITY (solid, gas): NOT AVAILABLE
UPPER FLAMMABILITY LIMIT: NOT AVAILABLE
LOWER FLAMMABILITY LIMIT: NOT AVAILABLE
VAPOR PRESSURE: NOT AVAILABLE
VAPOR DENSITY: NOT AVAILABLE
RELATIVE DENSITY: ~2000
SOLUBILITY(IES): INSOLUBLE IN WATER
PARTITION COEFFICIENT (n-octanol/water): NOT AVAILABLE
AUTO-IGNITION TEMPERATURE: NOT AVAILABLE
DECOMPOSITION TEMPERATURE: NOT AVAILABLE
VISCOSITY: NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: LOW
CHEMICAL STABILITY: HIGH
STABILIZERS PRESENT: NONE
POSSIBILITY OF HAZARDOUS REACTIONS: LOW
CONDITIONS TO AVOID (static, vibration): NONE
INCOMPATIBLE MATERIALS: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
VISUAL EVIDENCE OF DECOMPOSITION: NONE

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NOT AVAILABLE
CHRONIC TOXICITY: NOT AVAILABLE
IRRITATION/CORROSION: NOT AVAILABLE
SENSITIZER: NOT AVAILABLE
MUTAGENICITY: NOT AVAILABLE
INFORMATION ABOUT CARCINOGENICITY: CONTAINS MATERIAL WHICH CAN CAUSE CANCER. RISK OF CANCER DEPENDS ON DURATION AND LEVEL OF EXPOSURE.

CLASSIFICATION: NICKEL ACGIH-A5, IARC-2B, NTP-REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN
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SECTION 12: ECOLOGICAL INFORMATION

ECO TOXICITY: UNKNOWN
PERSISTANCE AND DEGRADABILITY: UNKNOWN
BIO ACCUMULATIVE POTENTIAL: UNKNOWN
MOBILITY IN SOIL: UNKNOWN
OTHER HAZARDS: NONE KNOWN

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE RESIDUES: NONE KNOWN
SAFE METHODS OF DISPOSAL: BURY IN LICENSED LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

This product as solid is not a hazardous waste according to 40 CFR 261. Disposal should be made in accordance with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: NONE
UN PROPER SHIPPING NAMES: NONE
CFR: NONE
TDG: NONE
IATA: NONE
TRANSPORT HAZARD CLASSES: NOT DOT REGULATED
HMIS FLAMMABILITY 1 REACTIVITY 0 HEALTH 2
NFPA FLAMMABILITY 1 REACTIVITY 0 HEALTH 2
PACKING GROUP: NOT DOT REGULATED
ENVIRONMENTAL HAZARDS: NONE KNOWN
TRANSPORT IN BULK: NONE
SPECIAL PRECAUTIONS: NONE

SECTION 15: REGULATORY INFORMATION

DOT SHIPPING NAME: NOT DOT REGULATED.
DOT HAZARD CLASS: NONE
DOT LABEL(S) NONE
UN/NA NUMBER: NONE
NOT REGULATED BY IATA
US FEDERAL REGULATIONS:
SARA HAZARD CLASS (SECTION 311, 312): NONE
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DUROMETERS

SARA SECTION 302: NONE
TSCA: ALL INGREDIENTS IN THIS MATERIAL ARE ON THE TSCA INVENTORY.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION

DATE OF PREPARATION OF THE SDS 5/22/2015