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

EMERGENCY TELEPHONE: (518)-885-8826

REVISED: 12/15/2015

REvised BY: BRIAN BAYLY

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

HOURS: 8AM-5PM, MONDAY-FRIDAY

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.
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

HAZARDOUS COMPONENTS | CAS REG NO. | APPROX. WT. %
------------------------|------------|----------------
NICKEL                  | 7440-02-0  | 35-45

NON-HAZARDOUS COMPONENTS | CAS REG NO. | APPROX. WT. %
-------------------------|------------|----------------
METHYLVINYLPOLYSILOXANE  | 68037-87-6  | 25-35
GRAPHITE                | 7440-44-0  | 25-35
TREATED SILICA          | 68937-51-9  | 1-3

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
SECTION 5: FIRE FIGHTING MEASURES

SUITABLE 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

INCOMPATIBILITIES: 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
SAFETY DATA SHEET

SSP502-SERIES 30,45,55,60FR,60FR TRANSFER, 40UL94V1, 60UL94V1, F-60,65,77,F-80 DUROMETERS

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
FREEZING POINT: NOT AVAILABLE
INITIAL BOILING POINT: NOT AVAILABLE
BOILING RANGE: 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
SOMEWHAT SOLUBLE IN TOULENE
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
SAFETY DATA SHEET
SSP502-SERIES 30,45,55,60FR,60FR TRANSFER, 40UL94V1, 60UL94V1, F-60,65,77,F-80 DUROMETERS

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
ENVIORNMENTAL 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
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 12/15/2015