

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

EMERGENCY TELEPHONE: (518)-885-8826

REVISED: 5/22/2015

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.

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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

<u>HAZARDOUS COMPONENTS</u>	<u>CAS REG NO.</u>	<u>APPROX. WT. %</u>
NICKEL	7440-02-0	35-45
<u>NON-HAZARDOUS COMPONENTS</u>	<u>CAS REG NO.</u>	<u>APPROX. WT. %</u>
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

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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 CONTAMINATION 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

IMCOMPATIBILITIES: NONE

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PERMISSIBLE EXPOSURE LIMIT:

<u>COMPONENT</u>	<u>TYPE</u>	<u>VALUE</u>
NICKEL	PEL	0.5 MG/M3
GRAPHITE	PEL	4.0 MG/M3

ENGINEERING CONTROLS: EXHAUST VENTILATION DURING CURE.

INDIVIDUAL PROTECTION MEASURES, EQUIPMENT:

EYES AND FACE: SAFETY GLASSES	GLOVES: CLOTH OR RUBBER
RESPIRATORY PROTECTION: NONE	

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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

FLAMABILITY (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

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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



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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