

SAFETY DATA SHEET

SSP482-75

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: SSP482-75
OTHER MEANS OF IDENTIFICATION: SILVER NICKEL 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: 7/22/2015

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
ACUTE TOXICITY, INHALATION CATEGORY 3

SIGNAL WORD: WARNING

HAZARD STATEMENT(S): HARMFUL IF SWALLOWED. TOXIC IF INHALED. 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

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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 HAZARDS: FREQUENT OR PROLONGED CONTACT MAY DEFAAT AND DRY THE SKIN, LEADING TO DISCOMFORT AND DERMATITIS. SILVER IN THE FORM OF A FINELY DIVIDED DUST MAY CAUSE DISCOLORATION IN CONTAT WITH SKIN, AND ARGYROSIS IN CASE OF INHALATION.

UNKNOWN TOXICITY INGREDIENTS: NONE KNOWN

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME: SILVER ALUMINUM FILLED SILICONE

COMMON NAME: SSP482-75

COMPONENTS:

	<u>CAS NUMBER APPROX.</u>	<u>WT. %</u>
NICKEL	7429-90-5	50-60
SILVER	7440-22-4	10-20
METHYLVINYLPOLYSILOXANE	70131-67-8	20-40

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): POWDER. DRY SAND.

UNSUITABLE EXTINGUISHING MATERIAL(S): WATER. DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE. CARBON DIOXIDE (CO2)

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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:

COMPONENT	TYPE	VALUE
NICKEL	PEL	0.5 MG/M3
SILVER	PEL	0.01 MG/M3

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.): TAN SOLID

ODOR: ESSENTIALLY ODORLESS

ODOR THRESHOLD: NOT AVAILABLE

Ph: NOT AVAILABLE

MELTING POINT: NOT AVAILABLE

FREEZING POINT: NOT AVAILABLE

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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
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.

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SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION

DATE OF PREPARATION OF THE SDS 7/22/2015