

SAFETY DATA SHEET

SSP2432

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER SSP2432

OTHER MEANS OF IDENTIFICATION: POLYSILOXANE COMPOUND

RECOMMENDED USE: NICKEL COATED GRAPHITE FILLED SILICONE ADHESIVE 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: 5/27/2015

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: NICKEL COATED GRAPHITE FILLED SILICONE ADHESIVE

SIGNAL WORD: WARNING

HAZARD STATEMENT(S): MAY BE HARMFUL IF SWALLOWED
MAY BE HARMFUL IN CONTACT WITH SKIN

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

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OTHER HAZARD NONE KNOWN

UNKNOWN TOXICITY INGREDIENTS: NONE KNOWN

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME: POLYSILOXANE COMPOUND

COMMON NAME: SSP2432

CAS NUMBER AND OTHER IDENTIFIERS:

HAZARDOUS COMPONENTS

CAS REG NO.

APPROX. WT. %

HAZARDOUS COMPONENTS

CAS REG NO.

APPROX. WT. %

NICKEL

7440-02-0

30-40

GRAPHITE

7440-44-0

25-35

METHYLTRIMETHOXYSILANE

1185-55-3

1-3

MINERAL SPIRITS

8052-41-3

3-7

METHANOL

67-56-1

0.1-1

NON-HAZARDOUS COMPONENTS

CAS REG NO.

APPROX. WT. %

DIMETHYLPOLYSILOXANE

70131-67-8

15-25

TREATED SILICA

68937-51-9

1-2

POLYDIMETHYLSILOXANE

63148-62-9

2-5

IMPURITIES AND STABILIZING ADDITIVES: NONE

For mixtures, in addition:

CHEMICAL NAME(S): NONE

CONCENTRATION(S) RANGE(S) (if at a concentration that is a health hazard): NONE

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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
METHANOL

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

OTHER SPECIFIC HAZARDS: NONE

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:

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- 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
METHANOL	PEL	200 PPM
MINERAL SPIRITS	ACGIH TLV	200 MG/M3
METHYLTRIMETHOXYSILANE	TWA	50 PPM

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 PASTE

ODOR: ALCOHOL

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

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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

SECTION 12: **ECOLOGICAL INFORMATION**

ECO TOXICITY: NONE KNOWN
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.

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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

HEALTH AND SAFETY REGULATIONS: NONE

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION

DATE OF PREPARATION 5/27/2015

OTHER:

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

KEY:

C:	CEILING LIMIT	NEGL:	NEGLIGIBLE
EST:	ESTIMATED	NF:	NONE FOUND
NA	NOT APPLICABLE	UNKN:	UNKNOWN
NE:	NONE ESTABLISHED	REC:	RECOMMENDED
ND:	NONE DETERMINED	V:	RECOMMENDED BY VENDOR
R:	RECOMMENDED	SKN:	SKIN
		TS:	TRADE SECRET

*** END ***