



MATERIAL SAFETY DATA SHEET

SSP502-SERIES 30,45,55,65,75 DUROMETERS

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

EMERGENCY TELEPHONE: (518)-885-8826

REVISED: 3/3/2010

REVISED BY: BRIAN P. BAYLY

SUPPLIED BY: SPECIALTY SILICONE PRODUCTS, INC.
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SECTION 1: MATERIAL IDENTIFICATION

MATERIAL ID: SSP502-SERIES FORMULA: MIXTURE

COLOR: BLACK

CHEMICAL FAMILY: NICKEL COATED GRAPHITE FILLED SILICONE RUBBER CHEMICAL NAME: POLYSILOXANE COMPOUND

EMERGENCY OVERVIEW:

THIS IS A SOLID RUBBER COMPOUND. NO SIGNIFICANT HAZARDS ARE EXPECTED UNDER NORMAL CONDITIONS OF HANDLING AND USE. REFER TO SPECIFIC INFORMATION THROUGHOUT THIS MSDS.

SECTION 2: CHEMICAL COMPONENTS

<u>HAZARDOUS COMPONENTS</u>	<u>APPROX. WT. %</u>	<u>ACGIH</u>		<u>OSHA</u>		<u>UNITS</u>
		<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
NICKEL COATED GRAPHITE	60-80	0.1		0.01		MG/M ³

<u>NON-HAZARDOUS COMPONENTS</u>	<u>APPROX. WT. %</u>	<u>ACGIH</u>		<u>OSHA</u>		<u>UNITS</u>
		<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
METHYLVINYLPOLYSILOXANE	20-40	NA	NE	NA	NE	

SECTION 3: POTENTIAL HEALTH EFFECTS

SIGNS & SYMPTOMS OF EXPOSURE:

INGESTION: NONE KNOWN

SKIN CONTACT: MAY CAUSE MILD IRRITATION

EYE CONTACT: MAY CAUSE MILD EYE IRRITATION

INHALATION: NONE KNOWN

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN

CHRONIC EFFECTS OF EXPOSURE: THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR OSHA.

PRINCIPAL ROUTES OF EXPOSURE: NONE

OTHER:

FORMALDEHYDE AT APPROXIMATELY 300°F (150°C) AND ABOVE, IN ATMOSPHERES WHICH CONTAIN OXYGEN. FORMALDEHYDE IS A SKIN AND RESPIRATORY SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD.

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SECTION 4: FIRST AID

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: NONE KNOWN.

SKIN: WASH WITH SOAP AND WATER.

INHALATION: NONE KNOWN.

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION IF ANY IRRITATION PERSISTS.

NOTE TO PHYSICIAN: NONE KNOWN

SECTION 5: FIRE & EXPLOSION

FLASH POINT NA (F) NA (C) BY NA IGNITION TEMPERATURE: UNKNOWN (F) UNKNOWN (C)

FLAMMABLE LIMITS IN AIR: LOWER: NA UPPER: NA

EXTINGUISHING MEDIA ALL STANDARD FIRE FIGHTING MEDIA.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

SECTION 6: REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:

CARBON MONOXIDE
CARBON DIOXIDE
SILICON DIOXIDE
FORMALDEHYDE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

CONDITIONS TO AVOID: NONE KNOWN

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SECTION 7: SPILL & LEAK RESPONSE

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

SCRAPE, SWEEP, OR GATHER UP MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL.

DISPOSAL METHOD: BURY IN A LICENSED LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS:

RESPIRATORY PROTECTION: NONE

PROTECTIVE GLOVES: CLOTH OR RUBBER GLOVES

EYE & FACE PROTECTION: SAFETY GLASSES

ENGINEERING CONTROLS: NONE

SECTION 9: STORAGE & HANDLING:

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

STORE AT AMBIENT TEMPERATURES, PREFERABLY 65°-85° F

SECTION 10: PHYSICAL & CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT:	>450 (F) >252 (C)	5 VOLATILE BY VOLUME:	<1
VAPOR PRESSURE (20 ^o C):	NA mm hg	EVAPORATION RATE:	NEGLIGIBLE
VAPOR DENSITY (AIR=1):	NA	(BUTYL ACETATE=1)	
FREEZING POINT:	NA (F) NA (C)	SPECIFIC GRAVITY:	>1 (WATER=1)
MELTING POINT	NA (F) NA (C)		
PHYSICAL STATE:	SOLID	DENSITY:	>1000
ODOR:	ESSENTIALLY ODORLESS		
COLOR:	BLACK	ph:	NA
ODOR THRESHOLD:	NA		
SOLUBILITY IN WATER	INSOLUBLE (20 ^o C):		

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SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION

TOXICITY:

ACUTE ORAL LD₅₀ UNKNOWN MG/KG

ACUTE DERMAL LD₅₀ UNKNOWN MG/KG

ACUTE INHALATION LC₅₀ NA

AMES TEST UNKNOWN

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NONE KNOWN

CHEMICAL FATE INFORMATION: NONE KNOWN

SECTION 13: 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 14: SUPPLEMENTAL INFORMATION

WASTE MANAGEMENT INFORMATION:

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.

HAZARD RATING SYSTEMS

HMIS FLAMMABILITY 0 REACTIVITY 0 HEALTH 0
NFPA FLAMMABILITY 0 REACTIVITY 0 HEALTH 0

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 ***