

# MATERIAL SAFETY DATA SHEET\_MAX-SHIELD F53XX

(Prepared in accordance with OSHA Hazard communication standard 29 CFR 1910.1200 Section (g)(c)(1))

## SECTION 1. PRODUCT IDENTIFICATION AND MANUFACTURER

Product Name: Max-Shield F5301, F5304, F5305, F5321, F5322

Product Use: Conductive silicone rubber for manufacturing of dispensing gaskets

Manufacturer: TennVac Inc.

Address: 9F-3, No. 31-1, Lane 169, Kangning Street, Xizhi District, New Taipei City, Taiwan

Telephone: +886 26951213-115

## SECTION 2. COMPOSITION INFORMATION

Single or Mixture	Mixture	
Component Name	CAS Number	Wt %
Polysiloxane	68083-19-2	>20.0
Trimethylated Silica	68909-20-6	>5
Nickel	7440-02-0	>45
Synthetic Graphite	7782-42-5	>10

## SECTION 3. HAZARD IDENTIFICATION

Hazards Classification	None
Fire And Explosion	Not considered flammable or combustible, But will burn if involved in a fire
Potential Health Effect	
Skin Contact	None
Eyes Contact	None
Ingestion:	No information is available.

## SECTION 4. FIRST AID MEASURES

Skin Contact	None
Eyes Contact	Flush with water.
Inhalation	No first aid should be needed.
Oral	No first aid should be needed.
Comments	Treat symptomatically

## SECTION 5. FIRE FIGHTING MEASURES

Flash Point	>400 °C (Closed Cup)
Flammable Limits In Air	Not determined.
Extinguishing Media	On large fires use dry chemical, foam or water spray, On small Fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire-exposed containers.

Special Fire Fighting Procedure: None  
Unusual Fire And Explosion Hazard None

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### STEP TO BE TAKEN IN CASE MATERIAL IS RELEASE OR SPILLED:

Contain the spill or leak. Scrape up with cardboard or rag and place in container. For large spills, provide Dike or other appropriate containment to keep material from spreading. If dike material can be pumped, Store recovered material in appropriate container. Clean up remaining materials from spill with suitable Absorbent. Clean area as appropriately since some silicone materials, even in small quantities, may Present a slip hazard. Final cleaning may require use of steam, solvent or detergents.

## SECTION 7. HANDLING AND STORAGE

### PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use. Vent the container properly to eliminate internal pressure. Store in A cool place. Keep away from heat and flame. Do not lay the container on its side. Avoid contact with Eyes and prolonged or repeated skin contact. Keep out of reach of children.

### \*\*\*INFORMATION ABOUT THE EMPTIED CONTAINER\*\*\*

Do not reuse this container. Keep away from heat, spark and flame. Do not puncture or cut this container, And do not weld on near this container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

ACGIH TLV-TWA	Not established
OSHA PEL	Not established
Respiratory Protection(Specify Type)	Not required
Ventilation	None should be needed
Local Exhaust	Not required
Mechanical(General)	Not required
Special	Not required
Other	Not required
Protective Gloves	Not required
Eye Protection	Safety glasses
Protective Clothing Or Equipment	Eyewash equipment
Work/Hygienic Practices	Keep away from heat and flame. Avoid contact with eyes and Prolonged repeated skin contact.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	Not applicable
Vapor Pressure	Not determined
Vapor Density(AIR-1)	Not determined

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Density	1700kg/m3 at 25 °C
Melting Point	Not determined
Evaporation Rate	Negligible (BUTYL ACETATE=1)
Solubility In Water	Not soluble
Solubility	Very slight soluble in acetone, ethanol, Dispersible in diethyl Ether, aliphatic hydrocarbons, aromatic hydrocarbons.
Appearance(Color)	Dark grey
Appearance(Form)	Solid
Odor	Odorless

#### SECTION 10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Condition To Avoid	None
Hazardous Polymerization	Hazardous polymerization will not occur
Materials To Avoid	Oxidizing material can cause a reaction

#### SECTION 11. TOXICOLOGICAL INFORMATION

Special Hazard Information On Components	No known applicable information
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#### SECTION 12. ECOLOGICAL INFORMATION

Biodegradation	No evidence of biodegradation
Bioaccumulation	No evidence of biodegradation
Aquatic Toxicity	No information is available
Other Information	None

#### SECTION 13. DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose The emptied container unlawfully. Observe all federal, state, and local laws.

#### SECTION 14. TRANSPORT INFORMATION

(IMO INFORMATION)

ID No.	None
Classification And Class	None
Packaging Group	None
Proper Shipping Name	None
Technical Shipping Name	None
Marine Pollutant	None

(DOT INFORMATION)

ID No.	None
Hazard Class	None

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Packaging Group	None
Proper Shipping Name	None
Technical Shipping Name	None
Hazard Substance(S) Name/(CAS No.) Content % Rq:	Not applicable

## SECTION 15. REGULATORY INFORMATION

### TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

Listed on the TSCA inventory.

### EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) STATUS:

Listed on the evinces.

### LABELING ACCORDING TO EC-REGULATIONS REQUIRED:

Symbol	Not required
R-Phrase	Not required
S-Phrase	Not required
Contains	None

### SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986(SARA)TITLE III SECTION 313 SUPPLIER NOTIFICATION:

THIS REGULATION REQUIRES SUBMISSION OF ANNUAL REPORT OF TOXIC CHEMICALS THAT APPEAR IN SECTION 313 IF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO -KNOW ACT OF 1986 AND 40 CFR 372. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THE MATERIAL. THE TOXIC CHEMICALS CONTAINED IN THIS PRODUCT ARE:

CHEMICAL NAME /(CAS NO) AND CONTENTS                      --NONE

### CALIFORNIA PROPOSITION 65:

THIS REGULATION REQUIRES A WARNING FOR CALIFORNIA PROPOSITON 65 CHEMICAL (S) UNDER THE STATUTE. THE CALIFORNIA PROPOSITION 65 CHEMICAL (S) CONTAINED IN THIS PRODUCT ARE:

CHEMICAL NAME /(CAS NO) AND CONTENTS                      --NONE

## SECTION 16. OTHER INFORMATION

For Industrial used only. This material safety data sheet is offered solely for your information, consideration And investigation. The data described in the MSDS consist of data on literature, our acquisitioned date And analogical inference by data of similar chemical substance or product.