

MATERIAL SAFETY DATA SHEET

DATE PREPARED: December 29, 2009

SUPERSEDES: February 14, 2007

SECTION 1 CHEMICAL AND COMPANY IDENTIFICATION

PRODUCT NAME *Style 370 Stress Saver*[®]

PRODUCT CODES **37010 & 36010**

COMPANY NAME



EMERGENCY PHONE

ADDRESS

1666 DIVISION STREET
PALMYRA, N.Y. 14522

315-597-4811
MON. - FRI.
9:00 AM – 4:00 PM

PHONE NUMBER

315-597-4811 FAX 315-597-3196

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product consists of a vulcanized mineral loaded Ethylene Propylene Diene (EPDM) elastomer compound bonded to Polytetrafluoroethylene (PTFE).

Excessive levels of some constituents can cause lung and respiratory tract disorders, including irritation, pneumoconiosis, and cancer. These effects generally occur as a result of long term (months, years) exposures to high dust levels. While generation of dust is not likely, the breathing of such dust should be avoided.

Heating PTFE to temperatures in excess of 260° C can evolve toxic fluorine compounds. Additional information concerning PTFE is available in the "Guide to the Safe Handling of Fluoropolymer Resins" published by the Fluoropolymers Division of the Society of the Plastics Industry, Inc..

PRODUCT CONSTITUENTS LISTED AS CARCINOGENS

Titanium Dioxide (Identified as a potential carcinogen by NIOSH.)
Silica, Crystalline, IARC Group 1
(sufficient evidence of carcinogenicity in humans)

IARC

No
Yes

OSHA

No
No

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SECTION 2: HAZARDS IDENTIFICATION (Continued from Page 1)

POTENTIAL HEALTH EFFECTS

Potential Health Effects:	Under normal and intended use conditions it is not anticipated that dust levels sufficient to cause symptoms or adverse health effects will be produced.
Primary Routes of Entry:	Inhalation of dusts or fumes from thermal decomposition.
Target Organs:	Prolonged and repeated overexposure can cause pulmonary disorders.
Acute Effects of Overexposure:	High concentrations of dusts may be irritating to the eyes, skin, mucous membranes and respiratory tract. If exposed to thermal decomposition products of the Polytetrafluoroethylene, temporary symptoms of polymer fume fever(chills, fever, cough and malaise).
Chronic Effects of Overexposure:	Pulmonary disorders can result when exposed to prolonged and repeated elevated dust levels.
Conditions Aggravated by Exposure:	Individuals with pre-existing respiratory and lung diseases may have increased susceptibility to the toxicity of excessive exposure to decomposition products.

SECTION 3: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

<u>COMPONENT NAME</u>	<u>CAS NUMBER</u>	<u>% WT. (Optional)</u>
Polytetrafluoroethylene (PTFE)	9002-84-0	
Ethylene-propylene ethylidene norbornene rubber	25038-36-2	
Severely Solvent Refined Heavy Paraffinic Petroleum Oil	64741-88-4	
Silica, Crystalline	14808-60-7	<2
Zinc Oxide	1314-13-2	
Kaolin	1332-58-7	
Titanium Dioxide	13463-67-7	<10
Hydrated Amorphous Silica	7631-86-9	

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SECTION 4 : FIRST AID MEASURES

- Eyes:** Flush the eyes with water for at least 15 minutes. If irritation or adverse symptoms develop, seek medical attention.
- Skin:** Following standard industrial hygiene practices, washing contaminated skin thoroughly with soap or a mild detergent is recommended.
- Ingestion:** Since ingestion is not likely to occur, no standard first aid measures have been formulated. As a precaution medical attention is recommended.
- Inhalation:** In the event of a fire remove victim to fresh air. If breathing is difficult or victim is unconscious, call physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

- | | |
|-------------------------------------|-------------------|
| Flash Point: NA | Method: NA |
| Upper Flammable Limit (UFL): | NA |
| Lower Flammable Limit (LFL): | NA |

Hazardous Products of Combustion

Composition of by-products from the result of a fire or thermal decomposition will vary depending on the specific conditions. Hazardous gases/vapors include smoke, hydrogen fluoride, carbonyl fluoride, perfluorocarbon olefins carbon monoxide and sulfur compounds. There may be others unknown to us.

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SECTION 5 FIRE FIGHTING MEASURES (Continued From Page 3)

Special Fire Fighting Instructions

Full protective equipment including self-contained breathing apparatus (SCBA) in the pressure-demand mode should be used.

Extinguishing Media

Water, carbon dioxide, foam, or dry chemical. Be sure to use fire extinguisher appropriate to surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released or Spilled

No special precautions are required.

SECTION 7: HANDLING AND STORAGE

Handling

Wear protective equipment as described in Section 8. Wash thoroughly after handling. Do not grind.

Storage

Store away from excessive heat and strong oxidizing agents.

To provide optimum shelf life elastomeric articles should be stored in a cool dry location. Do not expose to greases, oils or solvents in liquid or vapor form. Prevent exposure to ultra-violet light (UV) from direct sunlight or strong fluorescent lights. Do not store near devices that produce ozone.

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls

Ventilation: Not required under ordinary conditions of use.

Personal Protective Equipment

Eyes and Face: Safety glasses with side shields are recommended.

Skin: Gloves are recommended.

Respiratory: Not generally required.

EXPOSURE GUIDELINES

<u>Component</u>	<u>(8 Hr. TWA)</u> <u>OSHA PEL</u>	<u>(8 Hr. TWA)</u> <u>ACGIH TLV</u>
Polytetrafluoroethylene	None Established	None Established
Zinc Oxide	10.0 mg/m ³ (Total Dust)	10.0 mg/m ³ (Total Dust)
Severely Solvent Refined Heavy Paraffinic Petroleum Oil	5.0 mg/m ³ (Oil Mist)	5.0 mg/m ³ (Oil Mist)
Ethylene-propylene ethylidene norbornene rubber	None Established	None Established
Silica, Crystalline	10 mg/m ³ / %SiO ₂ + 2 (resp) 30 mg/m ³ / %SiO ₂ + 2 (total)	0.1 mg/m ³ (resp)
Kaolin	10 mg/m ³ (total dust)	10 mg/m ³ (total dust)
Hydrated Amorphous Silica	6 mg/m ³ (total dust)	10 mg/m ³ (total dust)
Titanium Dioxide	10 mg/m ³ (total dust)	10 mg/m ³ (total dust)

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White elastomer with a PTFE envelope gasket bonded to the gasket ID.	Boiling Point:	Not Applicable
Odor:	Odorless	Freezing Point:	Not Applicable
pH:	Not Applicable	Solubility In Water:	Insoluble
Specific Gravity:	Not Applicable		

SECTION 10: STABILITY AND REACTIVITY

Stability: The material is stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to avoid: Direct flame or excessive heat.

Materials to avoid: Strong oxidizing agents.

Hazardous Decomposition Products

Composition of by-products from the result of a fire or thermal decomposition will vary depending on the specific conditions. Hazardous gases/vapors include smoke, hydrogen fluoride, carbonyl fluoride, perfluorocarbon olefins carbon monoxide and sulfur compounds. There may be others unknown to us.

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SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity data is available on the individual components. Call 315/597-3080 for information.

SECTION 12: ECOLOGICAL INFORMATION

Not Available

SECTION 13: DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Land fill is normally recommended.

SECTION 14: TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not Regulated

SECTION 15: REGULATORY INFORMATION

Warning, this product contains the following materials known to the state of California to cause cancer or reproductive effects:

- Crystalline Silica
- Lead*
- Cadmium*

(*) Present in Zinc Oxide at trace levels.

States such as Pennsylvania, New Jersey, Vermont, Massachusetts, and Rhode Island may also have specific requirements relative to component in this product; consult specific state regulatory requirements for additional information.

Ingredients in this product that are subject to SARA 313 (40 CFR 372.65C) Supplier Notification: Zinc Oxide

All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

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SECTION 16: OTHER INFORMATION

This MSDS is prepared to safeguard the health of workers and to comply with the requirements of 29CFR 1910.1200. Consult your employer before working with this material.

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.

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