



MATERIAL SAFETY DATA SHEET

Products: NidaFusion STF/SXF

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Section I

Product Identification

Product Name: NidaFusion STF/SXF
Emergency Phone #: (800)998-9796
Information Phone #: (772)343-7300
Last Revision: 01/07/10

Section II Ingredients

Components:
PE Foam Polyethylene Foam
Nominal 2.2 Lb/ft³ Density to Stated Thickness
Fiberglass Woven or Mat Products applied to surface
Continuous Fiber Yarns combine above components

Section III Physical and Chemical Characteristics

Boiling Point N/A
Vapor Pressure N/A
Vapor Density Solid, not applicable
Specific Gravity .04 to .20
Evaporation Rate N/A
Percent Volatile by Volume N/A
Solubility in Water by Weight N/A
Appearance Description White Glass Fibers and Off-White Foam, No Odor

Section IV Fire and Explosion Hazard Data

Flash Point: Not applicable

Autoignition Temperature: Not applicable

Flamability Limits LFL: Not applicable

UFL: Not applicable

Hazardous Decomposition Products:

During a fire, smoke may contain the original material in addition to combustion products of varying compositions which may be toxic and/ or irritating. In smoldering or flaming conditions, carbon monoxide, carbon dioxide and carbon are generated.

Other Flamability Information:

Mechanical cutting, grinding or sawing can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate. Dense smoke is emitted when burned without sufficient oxygen.

Extinguishing Media:

Water fog or fine spray, dry chemical fire extinguishers, carbon dioxide fire extinguishers and foam.

Fire Fighting Instructions:

Keep people away. Isolate fire area and deny unnecessary entry. If material is molten, do not apply direct water stream. Use fine water spray or foam. Soak thoroughly with water to cool and prevent re ignition. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Protective Equipment For Fire Fighters:

Wear positive pressure self contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or a safe distance.

Section V Reactivity Data

Hazardous Polymerization: Will not occur

Stability: Thermally Stable at Typical Use Temperatures

Incompatibility (Avoid Contact With) Avoid Contact with Strong Oxidizers

Conditions to Avoid: Product is Combustible. Avoid Exposure to open flame, ignition sources, or temperatures above 160F.

Hazardous Decomposition: Decomposition products depend upon temperatures, air supply and the presence of other materials. Processing may release fumes and other decomposition products. At temperatures exceeding melt temperatures, polymer fragments can be released. Fumes can be irritating.

Section VI Health Hazard Data

Effects of Overexposure Eyes - Dust and Fibers may cause temporary mechanical irritation, redness, or tearing.

Skin -Fibers can cause temporary mechanical irritation. Inhalation - Dust and Fibers can cause mechanical irritation of nose, throat, and respiratory tract.

Ingestion - Swallowing may cause gastrointestinal irritation and disturbances.

Emergency/First Aid Procedures Eyes – flush with large quantities of water including upper and lower eyelids. Seek medical attention if irritation persists.

Skin – Do not blow off dust or fiber with compressed air, wash with soap and cold water. Do not use warm water as this will open pores and permit further penetration of fibers. If fibers are seen penetrating the skin, the masking tape may be used to adhere to the fibers for removal. Do not rub or scratch affected areas. Seek medical attention if irritation persists.

Inhalation - if asphyxia is apparent, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Keep person warm, quiet, and get medical attention.

Ingestion – if large quantities have been swallowed, get prompt medical attention.

Effects of Chronic Exposure No adverse chronic health effects are known for long term use of this product, but enhanced allergic conditions may occur for certain people. Chronic Respiratory or Skin Conditions may temporarily worsen from exposure to this product.

Section VII Precaution for Safe Handling and Use

Protective Equipment to be Used

Respiratory Protection Where use results in generation of dust from product, use of dust/mist respiration is recommended.

Handling Procedures Keep product in protective packaging as long as possible to minimize dust generation. Avoid unnecessary handling of scrap material. Use Personal Protective Equipment as described above.

Storage Procedures No Special Procedures.

Keep Dry, below 160F, and out of UV Exposure (Sunlight) to maintain qualities for use.

Ventilation Where use results in generation of dust from product, provide sufficient mechanical (general and/or local) exhaust, ventilation, or vacuum assisted dust collection to prevent concentrations of airborne dust. Protective Clothing Use Gloves. Normal work clothes covering arms and legs are recommended. Skin irritation from fibers occurs at pressure points; around neck, wrists, waist, and between fingers.

Eye Protection Goggles are recommended in those cases where use results in generation of dust

Section VIII Waste Disposal

Dust collection equipment should be used when machining large quantities of material. Floor dust may be collected with normal shop vacuum or by sweeping.

Waste Disposal Methods: Nida-Core suggests that all local, state and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Nida-Core if there are any disposal questions.

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Since the use of this information and the conditions and use of this product are controlled by the user. It is the user's obligation to determine the conditions for safe use of the product.

Material Safety Data Sheets may be used to comply with OSHA's Hazard Communication Standard 29 CFR1910.1200. standard must be consulted for specific requirements.