

Spectrum Manufacturing Corp.
P. O. Box 87870 Phoenix, AZ 85080

Material Safety Data Sheet

Product Name: **SPECTRUM "FUSION 10"
ADHESIVE/SEALANT**

Manufacturer Name: **Spectrum Manufacturing Corp.**

Address: **P O BOX 87870 PHOENIX, AZ 85080**

General Phone Number: **(623) 434-0097**

General Fax Number: **(623) 434-0099**

Customer Service Phone Number: **(623) 434-0097**

MSDS Creation Date: **11/7/10**

MSDS Revision Date: **09/01/11**

HMIS

Health Hazard	1
Fire Hazard	1
REACTIVITY	0
Personal Protection	

:

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Styrene/acrylic copolymer	Proprietary	1 - 5 by weight
Acrylic polymer(s)	Proprietary	10 - 30 by weight
Silica, amorphous, precipitated and gel	112926-00-8	1 - 5 by weight
Non hazardous ingredients	No data	30 - 60 by weight
Triethylamine	CAS # 121-44-8	<0.2 by weight
N-Methyl-2-Pyrrolidone	CAS # 872-50-4	<0.7 by weight
Titanium dioxide	13463-67-7	10 - 30 by weight

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Irritant.

Potential Health Effects:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. May cause vomiting.

Chronic Health Effects: Prolonged or repeated contact may cause skin irritation.

Signs/Symptoms: Overexposure may cause headaches and dizziness.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing Conditions: None generally recognized.

SECTION 4 - FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	> 300 °F (Unspecified)
Extinguishing Media:	Use alcohol foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
NFPA Ratings:	
NFPA Flammability:	1
NFPA Health:	1
NFPA Reactivity:	0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Use proper personal protective equipment as listed in section 8.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Spill Cleanup Measures:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems
------------------------------	---

are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description:	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing. Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Viscous Liquid.
Color:	White
Flash Point:	No Data
Boiling Point:	100C/212F (water)
Melting Point:	No Data
Density:	10 - 12 Lbs./gal.
Vapor Density:	Greater than 1 (Air = 1).
Vapor Pressure:	Greater than 1 (Air = 1).
pH:	8.5 to 9.5
Molecular Formula:	Mixture
Molecular Weight:	Mixture
VOC Content:	Material VOC: less than 50 g/l

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.
Special Decomposition Products:	Incomplete combustion may produce carbon monoxide and other toxic gases.

SECTION 11 - ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

SECTION 12 - DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 13 - TRANSPORT INFORMATION

DOT UN Number: Not classified as a dangerous good under transport regulations
DOT Hazard Class: Not classified as a dangerous good under transport regulations

SECTION 14 - REGULATORY INFORMATION

TOXIC SUBSTANCE CONTROL ACT (TSCA) All Components of this product are listed or are exempt from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory; 40 CFR 723.250 Section V.
SARA 313 This product contains the following chemicals subject to the reporting of SARA Title III Section 313 40CFR372.
CHEMICAL CAS NO. Triethylamine 121-44-8
N-Methyl-2-Pyrrolidone 872-50-4

SECTION 15 - ADDITIONAL INFORMATION

HMIS Fire Hazard: 1
HMIS Health Hazard: 1
HMIS Reactivity: 0
MSDS Creation Date: 11/7/10
MSDS Revision Date:
MSDS Revision Notes: Quarterly formula update
MSDS Author: Spectrum Manufacturing Corp.
Disclaimer: This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.
Trademark: The trademarks, service marks, graphics and logos used on this MSDS are registered or unregistered trademarks of Spectrum Manufacturing Corp. All Rights Reserved.