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MONUMENT

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Over 70 years of excellence as hand tool manufacturers and distributors of equipment for the plumbing and drainage industry
Registered in England at the above address, certificate no. 281817. VAT Registered No. GB 217 8102 81

2359Y OMAPP® SOLDERING AND BRAZING PAD MATERIAL SAFETY DATA SHEET

PRODUCTION SPECIFICATION STYLE ZETEXPLUS® 1100

GENERAL DESCRIPTION: ZETEXPLUS® 1100 fabric is made from highly texturised silica yarn and meets or exceeds NFPA 701 Specification for materials that withstand high temperature without supporting combustion. The base fabric is certified to U.S. Coast Guard Specification #164.009 and meets or exceeds Underwriters Laboratory Specification UL-#214 for flame propagation of fabrics and films.

APPLICATIONS: ZETEXPLUS® 1100 is a special fabric developed for safety barriers, safety curtains, garments, and protective shields.

PHYSICAL PROPERTIES

Weight:	37.0 Oz./ Square Yard
Construction: Warp x Fill	10 x 10
Weave:	Plain
*Thickness:	.070"
Breaking Strength: (minimum)	Warp – 400lbs Fill – 400lbs
Abrasion Resistance, Taber	1744 cycles to failure using CS 10 wheel with 1000 grams weight resistance at 50% vacuum level.
Temperature	Continuous temperature to 1500°F (815°C) And higher short duration temperatures.
*K Factor (Heat Conductivity)	0.3399 BTU/inch/hr/sq ft/°F

CHEMICAL RESISTANCE: Resists most acids, alkalis and solvents, with the exception of hydrofluoric acid and corrosive environments at elevated temperatures.

AVAILABLE TREATMENT: Proprietary treatment, which provides outstanding abrasion and better molten metal splash resistance, is standard. This treatment improves the ability to cut, sew, handle the product, and significantly reduces airborne fibres and unravelling.

*For base fabric

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ZETEXPLUS

NEWTEX INDUSTRIES, INC. MATERIAL SAFETY DATA SHEET
ZETEXPLUS PRODUCTS Pg. 1 OF 4

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SECTION I-PRODUCTION IDENTIFICATION

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ZETEXPLUS PRODUCTS INCLUDING FABRIC, TAPE, ROPE AND TUBING

MANUFACTURER: NEWTEX INDUSTRIES, INC. 8050 Victor-Mendon Road Victor, New York 14564	EMERGENCY TELEPHONE NUMBER: (585) 924-9135
CHEMICAL NAME AND SYNONYMS: N/A Mixture	PRODUCT IDENTIFICATION NUMBER: N/A
CHEMICAL FAMILY: N/A	

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SECTION II - INGREDIENTS

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The above products are considered "articles" according to OSHA hazard Communication Standard 29 CFR 1910.1200 and, as such, are exempt from the Material Safety Data Sheet provisions of 29 CFR 1910.1200(G)(6). As a service to the customer, Newtex Industries Inc. has prepared this Material Safety Data Sheet to provide appropriate safety and handling information. These products are considered non-hazardous when used according to accepted practices for the intended use.

AS MANUFACTURED:	WT. %	TLV/PEL
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Continuous Fibrous Glass (NON RESPIRABLE) (CAS # 65997-17-3)	85-95%	
Proprietary Ingredients	5-15%	Not Listed
Total dust		ACGIH TLV: 10 mg/m3 OSHA PEL : 15 mg/m3
Respirable dust		OSHA PEL : 5 mg/m3

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SECTION III - PHYSICAL DATA

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BOILING POINT	: N/A	SPECIFIC GRAVITY RANGE(H2O=1)	: 2.55
MELTING POINT	: N/A	PERCENT VOLATILE BY VOLUME	: N/A
VAPOR PRESSURE(mm Hg)	: N/A	EVAPORATION RATE	
VAPOR DENSITY(Air=1)	: N/A	(Butyl Acetate=1)	: N/A

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SECTION III - PHYSICAL DATA CONTINUED
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VAPOR PRESSURE(mm Hg): N/A SOLUBILITY IN WATER : Insoluble
APPEARANCE AND ODOR: Vitreous silicate fibers six microns in
diameter bound together in strands and woven, braided, or
twisted into golden brown product with insignificant odor.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT (METHOD USED): N/A FLAMMABLE LIMIT: LEL: N/A
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None UEL: N/A
SPECIAL FIRE FIGHTING PROCEDURES: None
EXTINGUISHING MEDIA: N/A Will not burn

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SECTION V - HEALTH HAZARD DATA
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ROUTES OF ENTRY:

Inhalation - No toxic effects are known to be associated
with the inhalation of vapors from this material under
normal conditions.

Skin - Short contact periods with human skin are not likely
to produce skin irritation. Repeated/prolonged contact
can induce mild irritation. This product is not likely
to be absorbed through human skin.

Eyes - May cause a physical irritation to the eye.

CARCINOGENICITY: This product is not known as a carcinogen.

HEALTH HAZARD (Acute & Chronic): None known

SIGNS AND SYMPTOMS OF EXPOSURE: Minor skin irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Experimental studies have shown that chemically exfoliated
vermiculite induces a lung response, which is similar to
that of mica exposure. After repeated, prolonged exposure
to excessive concentrations of mica dust, some mica workers
have developed an accumulation of dust in the lungs which is
observed only by chest x-ray and is not considered hazardous
to workers' health.

EMERGENCY FIRST AID PROCEDURES:

Skin - Wash any material off skin with soap and cool water.
If redness, itching or burning sensation develops, get
medical attention.

Eyes - Flush with water for at least 15 minutes. If
irritation develops, get medical attention.

Ingestion - Not expected to occur.

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SECTION VI - REACTIVITY DATA
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STABILITY: Stable
CONDITIONS TO AVOID: None known
INCOMPATIBILITY: None known
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: In a sustained fire, the organic binders will decompose releasing minor quantities of decomposition products believed to be insufficient to be harmful.
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: None known

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SECTION VII - SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Material is a solid.
Pick up big pieces and sweep up any scrapes.
WASTE DISPOSAL METHOD: Dispose of as any other innocuous material. Discarded product is not a hazardous waste under RCRA 40 CFR 261.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: For maximum comfort, avoid excessive contact with skin and use good personal hygiene.
OTHER PRECAUTIONS: If excessive dust is generated, use a respirator approved by MSHA or NIOSH for dust.

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SECTION VIII - CONTROL MEASURES
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RESPIRATOR PROTECTION (specify type): A NIOSH type TC-21C-XXX dust respirator is recommended if significant dust is created in handling or processing and should be required if necessary to prevent exposure above limits for total and respirable dust.
VENTILATION LOCAL EXHAUST : Is not necessary. Use product in well ventilated areas.
SPECIAL : None
MECHANICAL : None
OTHER : None
PROTECTIVE GLOVES: Rubber or synthetic gloves are recommended when necessary to prevent prolonged or repeated skin contact
EYE PROTECTION: As generally good practice, safety glasses can be worn.

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SECTION VIII - CONTROL MEASURES CONTINUED

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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.
WORK HYGIENIC PRACTICES: Avoid excessive contact with skin.
Wash thoroughly with soap and water after handling of
the material.

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SECTION IX - REGULATORY INFORMATION

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TSCA STATUS: Each ingredient is on the Inventory.

SARA TITLE III Haz. Categories:

Acute Health	- Yes
Chronic Health	- No
Fire Hazard	- No
Pressure Hazard	- No
Reactivity Hazard	- No

SARA TITLE III: REPORTABLE INGREDIENTS:

Sec, 302/304:	None
Sec. 313:	None

CALIFORNIA PROPOSITION 65: No ingredient is listed.

WHMIS (Canada): Status: Not Controlled
WHMIS Classification(s): None

HMIS and NFPA Hazard Rating:

<u>Category</u>	<u>HMIS</u>	<u>NFPA</u>
Acute Health	1	1
Flammability	0	0
Reactivity	0	0

NFPA Unusual Hazards: None

HMIS Personal Protection: To be supplied by user depending
upon use.

** The information herein is given in good faith, but no
warranty, expressed or implied is made and we assume no liability
from its use. Users should make their own investigations to
determine the suitability of the information for their particular
purposes.

N/A = Not Applicable

Revision Date: 10/10/02