

MATERIAL SAFETY DATA SHEET (US)

MANUFACTURER:	ZYVAX INC. P. O. Box 1825 ELLIJAY GA 30540 USA	PRODUCT INFORMATION EMERGENCY CONTACT PHONE: INSIDE USA: (800) 424-9300 OUTSIDE USA: +(703) 527-3887 NON EMERGENCY PHONE: (706) 698-4405 PREPARATION DATE: December 2005
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SECTION 1: IDENTIFICATION

PRODUCT NAME:	COMPOSITE SHIELD	PRODUCT CODE:	CPSRS
DOT SHIPPING NAME:	RESIN SOLUTION	DOT ID NUMBER:	UN1866
DOT HAZARD CLASSIFICATION:	FLAMMABLE LIQUID		
PRODUCT APPEARANCE & ODOR:	COLOURLESS LIQUID WITH CHARACTERISTIC SOLVENT ODOR		

SECTION 2: COMPONENTS & HAZARD INFORMATION

COMPONENT	CAS No.	CONC. %W/W	OSHA/TWA	ACGIH/TLV
Hydrotreated Naphtha	64742-48-9	> 90%	100 ppm	100 ppm [PEL]
Proprietary Resin	N.E.	< 10%	N.E.	N.E.

This product contains no chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372

SECTION 3: PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING RANGE:	320 - 360 °F	EVAPORATION RATE [BuAc = 1]:	0.21
SPECIFIC GRAVITY:	0.876	VAPOR PRESSURE [mm Hg]:	N.E
SOLUBILITY IN WATER:	Negligible	VAPOR DENSITY [Air = 1]:	5
REACTION WITH WATER:	Slowly Polymerizes	VOLOTILES:	> 90 %WW

SECTION 4: REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	Moisture strong acids/bases, oxidizers.
CONDITIONS TO AVOID:	All sources of ignition, heat, flame, etc. [see Section 5 & 10]
DECOMPOSITION PRODUCTS:	Combustion may yield carbon monoxide/dioxide, fumes, and smoke
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION 5: FIRE AND EXPLOSION INFORMATION

FLASH POINT [T CC]: >100 °F EXPLOSIVE LIMIT [% Vol.] UPPER 6 LOWER 0.9
NFPA HAZARD CLASS HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0
[HAZARD RANKING: 0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME * = CHRONIC HEALTH EFFECTS]

UNUSUAL FIRE/EXPLOSION HAZARDS: This material is **FLAMMABLE**, and may be ignited by heat, sparks, or other sources of ignition. Vapors may travel considerable distances to a source of ignition where they may ignite, flashback, or explode. Vapor/air explosion hazard indoors/outdoors or in sewers. Vapors are heavier than air, and may accumulate in low areas. If container is not cooled properly, it may explode in the heat of a fire.

EXTINGUISHING MEDIA: Dry chemical, foam.

SPECIAL FIRE-FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant. Stop spill/release if it can be done without risk. Move undamaged containers from fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors, and cooling equipment. Avoid spreading burning liquid with water used for cooling purposes.

SECTION 6: HEALTH HAZARDS AND ROUTES OF ENTRY

EYE CONTACT: May cause mild eye irritation. Direct contact with the liquid or exposure to the vapors or mists may cause stinging, tearing, and redness.

SKIN CONTACT: May cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, and drying and cracking of the skin. No lasting harmful effects are known.

INHALATION: While this material has a low degree of toxicity, breathing high concentrations of vapors or mists may cause irritation of the nose and throat, and signs of nervous system depression [e.g., headache, dizziness, loss of coordination, and fatigue]. Respiratory symptoms associated with pre-existing lung disorders [e.g., asthma-like conditions] may be aggravated by exposure to this material.

INGESTION: Ingestion of excessive quantities may cause irritation of the digestive tract, and cause signs of nervous system depression. Aspiration hazard - can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

COMMENTS: This material has not been identified as a carcinogen by NTP, IARC, or OSHA. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

SECTION 7: EMERGENCY AND FIRST-AID PROCEDURES

EYE CONTACT: Flush with lots of clean water. If irritation or redness develops and persists, seek medical attention.

SKIN CONTACT: Remove contaminated clothing and wash affected areas thoroughly with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: Move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

INGESTION: Aspiration hazard. Do not induce vomiting or give anything by mouth as this material can enter lungs and cause severe lung damage. If victim is drowsy or unconscious, place head on left side with the head down. If possible, do not leave victim unattended. Seek medical attention.

