

MSDS (Material Safety Data Sheet)

Pg. 1 of 3

EMERGENCY TELEPHONE NO.: 800-255-3924

INTERNATIONAL EMERGENCY ACCESS No.: +01 or +001-813-248-0585

PRODUCT NAME: **Eco-Flex C/G™**

CHEMICAL FAMILY: Aqueous based intumescent fire retardant paint

SECTION I - PRODUCT INFORMATION

MANUFACTURER'S NAME: AVTEC INDUSTRIES, INC.

9 KANE INDUSTRIAL DRIVE

HUDSON, MA 01749 USA

TELEPHONE # FOR INFORMATION: 978-562-2300

SECTION II - HAZARDOUS COMPONENTS

<u>Component</u>	<u>CAS No</u>	<u>Percent</u>	<u>Hazardous</u>
------------------	---------------	----------------	------------------

Aqueous Mixture - No Hazardous Components as defined by OSHA 29 CFR 1910.1200

SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Slow pouring, opaque dark gray -colored, coating with sour odor.

MOLECULAR WEIGHT: Not Applicable.

BOILING POINT: (DEGREES FAHRENHEIT): 212 - Not accurate: mixture of components.

MELTING POINT: (DEGREES FAHRENHEIT): Not Applicable.

VAPOR PRESSURE: (mm of Mercury): same as water.

SPECIFIC GRAVITY (WATER=1): Approx. 1.3

VAPOR DENSITY (AIR=1): same as water

PERCENT VOLATILE: (BY WEIGHT): 40% max.

pH: 8.0+

SOLUBILITY IN WATER: undetermined.

EVAPORATION RATE: (BUTYL ACETATE=1): Undetermined

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: None

FIRE EXTINGUISHING MEDIA: Non-combustible. Water, fog, foam, dry chemicals, or CO₂ may be used to combat fire of substrate. Water may be used to flush spills away from material in surrounding fire and to dilute spills, quench heat and render fire to substrate less aggressive.

EXPLOSIVE LIMITS (PERCENT BY VOLUME): None determined

SPECIAL FIRE FIGHTING PROCEDURES AND EQUIPMENT: Mixture is non-flammable. Use protective clothing and self contained breathing apparatus with face shield to combat any fire generated from substrate.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None determined.

HAZARDOUS COMBUSTION PRODUCTS: Combustion products can include water, carbon dioxide, carbon

monoxide, and traces of ammonia.

SECTION V - REACTIVITY DATA

STABILITY: STABLE X UNSTABLE _____

CONDITIONS TO AVOID: Storage of containers in places of excessive heat.

INCOMPATIBILITY (MATERIALS TO AVOID): None determined.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will Occur _____ Will Not Occur X

SECTION VI - HEALTH HAZARD INFORMATION

EXPOSURE FROM ROUTINE USE: No evidence of adverse effects from available information.

EFFECTS OF OVEREXPOSURE: EYES. . . Direct contact or prolonged exposure may cause redness and pain.

NOSE. . . May cause irritation in the upper respiratory tract. Symptoms of overexposure may include fatigue, confusion, headache, dizziness and drowsiness. Breathing very heavy concentrations of solvent may cause unconsciousness and death.

MOUTH. . . Ingestion may cause abdominal spasms and other symptoms that parallel overexposure from inhalation. SKIN. . . Prolonged contact may cause reddening of effected area.

PROBABLE ROUTES OF EXPOSURE: Skin, eyes, inhalation, and ingestion.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush eyes with water for at least 15 min. including underneath eyelids. Consult a physician immediately.

INHALATION: Remove to fresh air immediately. Use adequate ventilation. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

INGESTION: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. If vomiting occurs, keep head below hips to prevent aspiration into lungs.

SKIN: In case of contact, immediately flush skin with plenty of soap and water.

SECTION VII - TOXICITY DATA

Constituents are non-toxic. No further information is available.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTION EQUIPMENT

PROTECTIVE GLOVES: Wear impervious gloves as necessary to avoid excessive skin contact: i.e. rubber or neoprene.

EYE PROTECTION: Protective glasses or goggles in heavy mist areas.

RESPIRATORY PROTECTION (SPECIFY TYPE): For heavy mist exposure use a NIOSH/MSHA approved respirator suitable for use with organic vapors if proper ventilation can not be provided.

OTHER PROTECTIVE EQUIPMENT: Adequate clothing to minimize direct contact with skin.

VENTILATION

LOCAL EXHAUST: Use exhaust fans if necessary to control mist or vapor.

MECHANICAL (GENERAL): Normal room ventilation of fans.

SPECIAL: Not applicable.

SECTION IX - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Confine spilled material and absorb on sand, sawdust, earth or other available solids. Sweep and place in a suitable container.

WASTE DISPOSAL METHODS: Incinerate or bury in a suitable land fill where permitted by appropriate government regulations.

SECTION X - REGULATORY INFORMATION

FDA: No applicable information found.

USDA: No applicable information found.

CPSC: No applicable information found.

TSCA: One component is listed with TSCA.

DOT: For domestic transportation purposes, this product is not designated as hazardous material by the U.S. Department of Transportation. Standard labeling and MSDS regulations apply.

LABEL REQUIRED: No special provisions.

IDENTIFICATION NUMBER: Not applicable.

WARNING: No special warnings required.

SECTION XI - SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from eyes. Do not ingest. Avoid prolonged contact with skin. Wash exposed skin with soap and water. Avoid breathing of mist.

OTHER PRECAUTIONS: Not applicable.

REGISTRATION/CERTIFICATIONS: Not applicable.

EFFECTIVE DATE: October 20, 2008

SUPERSEDES: May 24, 2005

ADDRESS:

AVTEC INDUSTRIES, INC. 9 Kane Industrial Dr., Hudson, MA 01749 USA
(978) 562-2300 office, (978) 562-8900 fax. E-mail: inquires@avtecindustries.com

REV. 3
