

MATERIAL SAFETY DATA SHEET
ISSUE DATE: 09/01/06

I. IDENTIFICATION:

MANUFACTURER..... IndusCo, Ltd.
2319 Joe Brown Drive
Greensboro, NC 27405
(336) 375-7555
EMERGENCY PHONE NUMBER Chemtrec (800) 424-9300 (day/night)

PRODUCT NAME..... **ENVIROSYSTEMS® BioShield® 75**
EPA Reg# **75497-5-53053**
CHEMICAL FAMILY Organosilane

II. PHYSICAL DATA

BOILING POINT >210°F
VAPOR PRESSURE N/A
VAPOR DENSITY N/A
% VOLATILES ND
pH of PRODUCT 4.0 – 7.0
SOLUBILITY (WATER) Soluble
ODOR..... Mild
APPEARANCE Clear liquid
EVAPORATION RATE (water =1) :
SPECIFIC GRAVITY 1.003

III. CHEMICAL COMPONENTS

<u>COMPONENT / C.A.S.#</u>	<u>HAZARD</u>	<u>from% - to%</u>	<u>T.L.V.</u>
(1) 3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium	Irritant	0.75	None
(2)			

IV. FIRE AND EXPLOSION DATA

FLASH POINT (°F)..... N/A
FLAMMABLE LIMITS: (upper) N/A (lower) N/A
EXTINGUISHING MEDIA ...Dry chemicals, foam, carbon dioxide, water spray.
SPECIAL FIRE-FIGHTING PROCEDURES.....Must be equipped with self contained breathing apparatus.
Cool heated drums with water spray to prevent bursting.
UNUSUAL FIRE AND EXPLOSION HAZARDS... None

V. HEALTH HAZARD DATA

TLV NO ACGIH TLV PUBLISHED PEL..... NO OSHA PEL PUBLISHED
EYES Prolonged contact may cause irritation.
SKIN..... Prolonged contact may cause irritation.
INHALATION Harmful if inhaled.
INGESTION ..Harmful if swallowed.
EFFECTS OF OVEREXPOSURE...Not known

***** **FIRST AID** *****

EYES: Flush with plenty of water for at least 15 minutes. If irritation persist, get medical attention.

SKIN: Wash with soap and water, if irritation persists, get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration.

INGESTION: Do not induce vomiting. Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow.

VI. REACTIVITY DATA

STABILITY..... STABLE

CONDITIONS TO AVOID Do not mix with cleaners, do not freeze, and avoid heat.

INCOMPATIBILITY..... Sodium oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:

VII. SPILL OR LEAK PROCEDURES

<input checked="" type="checkbox"/> STOP FLOW	<input checked="" type="checkbox"/> AVOID SKIN CONTACT	<input type="checkbox"/> BURY IN REMOTE AREA
<input type="checkbox"/> NEUTRALIZE	<input type="checkbox"/> ELIMINATE ALL SOURCES	<input checked="" type="checkbox"/> OBSERVE FEDERAL
<input checked="" type="checkbox"/> ABSORB OR SCRAPE	<input type="checkbox"/> OF IGNITION OR FLAME	<input type="checkbox"/> SPILL & WATER
<input type="checkbox"/> UP MATERIAL	<input type="checkbox"/> WASH AWAY WITH WATER	<input type="checkbox"/> QUALITY REGULATIONS
<input checked="" type="checkbox"/> AVOID INHALATION	<input type="checkbox"/> VACUUM UP	<input type="checkbox"/> USE AS LANDFILL

WASTE DISPOSAL METHOD

Where permissible, consider discharge to TW, biological treatment, or incineration. Follow federal, state and local requirements.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY 1 1-Usually none 2-Particle removing air purifying respirator (mechanical filter) 3-Gas and vapor removing air purifying respirator (canister)

SKINRubber or plastic gloves

EYESTo avoid eye contact wear goggles

VENTILATION General Ventilation Local Exhaust

OTHER PROTECTION Consider optionally, long sleeves, long pants, and apron. Eye wash and safety shower should be in area of use.

IX. SPECIAL PRECAUTION

No special precautions beyond routine prudent safe handling of chemical substances are necessary.

X. REGULATORY INFORMATION

DOT SHIPPING NAME..... NOT REGULATED BY DOT

HAZARD CLASS / # NONE / PACKING GROUP:

UN/NA..... NONE REPORTABLE QTY /

S.A.R.A..... See Section III

T.S.C.A All chemicals are listed on the TSCA inventory

O.S.H.A. HAZARD CLASS: HEALTH.....2 REACTIVITY..... 1

FLAMMABILITY.....0 PERSONAL PROTECTION..... B

XI. MISCELLANEOUS

DATE OF LAST REVISION: 09/01/06 COMPANY CONTACT: Joseph E. Mason / Babu C. Patel

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