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Dear Customer:

Thank you for your interest in C Tech Corporation  
Attached is a current Material Safety Data Sheet (MSDS) for the following product(s) purchased or requested by your company.

C Tech Ref	Product Name	MSDS #
TERMIREPEL™@5%MB	TERMITE REPELLANT TERMIREPEL™@ NON TOXIC MASTERBATCH	TERMI/1/2008/PROP

This MSDS has been prepared in accordance with regulatory standards & provides important health and safety information. We suggest that you review this document prior to handling the product. For the MSDS to be an effective means of hazard communication, it must be made available to all those who handle and are responsible for operations involving this product.

Information contained herein should not be used for specification purposes.

We recommend that you consult your occupational health and safety specialist to insure that methods used in the handling, storage and reporting of these products will be adequate and in compliance with applicable laws and regulations.

If additional health and safety information is required, please call the C Tech Corporation Office

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#### Disclaimer and Waiver of Liability

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Sincerely,  
C Tech Corporation  
Product Safety  
Attachment



ISO 9001: 2000 REGISTERED



ISO 14001: 1996 REGISTERED

# TERMIREPEL™ @ 5% Master Batch in Ethylene Vinyl Acetate

## Material Safety Data Sheet

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Substance

PROPRIETARY FORMULATION IN ETHYLENE VINYL ACETATE

Chemical Family carboxylic acids, esters, organic compounds  
Creation Date Jul 01 2008  
Revision Date Dec 10 2012

Company Information

Product TERMIREPEL™ @ 5% Masterbatch in EVA  
Manufacturer C-Tech Corporation  
Address Mumbai-400025, India.  
Telephone Numbers +91-22-32906293/+91-22-32905409  
Fax +91-22-24309295

### SECTION 2 - COMPOSITION & INFORMATION ON INGREDIENTS

Appearance cream to red coloured granules  
Purity 99% min( of actual additives)  
Melting Point Masterbatch may melt at 85-105 °C  
Acidity (3% Solution) ph=6.5-7.5  
Chloride Content 0.2% max  
Loss on drying 1.0% Max  
Stability Product is thermally stable upto 360°C.

### SECTION 3 - HAZARDS IDENTIFICATION

NFPA Ratings (0-4) HEALTH=1 FIRE=1 REACTIVITY=0  
EC Classification (Calculated) NA  
NA

#### EMERGENCY OVERVIEW

Colour Cream to red  
Physical Description Crystalline plastic granules  
Odor Slight odour of garlic  
Major Health Hazards No significant target effects reported.  
Physical Hazards NA

#### POTENTIAL HEALTH EFFECTS

Inhalation  
short term exposure no information is available  
long term exposure no information is available  
Skin contact  
short term exposure Itching  
long term exposure no information is available  
Eye contact  
short term exposure no information is available  
long term exposure no information is available  
Ingestion  
short term exposure no information on significant adverse effects  
long term exposure no information is available

#### CARCINOGEN STATUS

OSHA N  
NTP N  
IARC N

### SECTION 4 - FIRST AID MEASURES

Inhalation Remove from exposure immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed. Get medical attention.  
Skin Contact Remove contaminated clothing, jewellery, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention, if needed.  
Eye Contact Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.  
Ingestion If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention, if needed.

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**SECTION 5 - FIRE FIGHTING MEASURES**

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Fire and Explosion Hazards	Slight fire hazard..
Extinguishing Media	regular dry chemical, carbon dioxide, water, regular foam Large fires: Use regular foam or flood with fine water spray.
Fire Fighting	Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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Occupational Release	Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry.
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**SECTION 7 - HANDLING AND STORAGE**

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Store and handle in accordance with all current regulations and standards.  
Store in a tightly closed container. Keep separated from incompatible substances.

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**SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION**

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Exposure Limits	No occupational exposure limits established.
Ventilation	Provide local exhaust ventilation system. Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Ensure compliance with applicable exposure limits.
Eye Protection	Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Clothing	Wear appropriate chemical resistant clothing.
Gloves	Wear appropriate chemical resistant gloves.
Respirator	Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Any dust, mist, and fume respirator. Any air-purifying respirator with a high-efficiency particulate filter. Any powered, air-purifying respirator with a dust, mist, and fume filter. Any powered, air-purifying respirator with a high-efficiency particulate filter. For Unknown Concentrations or Immediately Dangerous to Life or Health - Any supplied-air respirator with full face piece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full face piece.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State	Solid
Color	Creamish to reddish
Physical Form	Crystalline granules
Odour	Garlic odour
Taste	bitter taste extreme pungent taste
Boiling Point	Not applicable
Melting Point	331-338 F (166-178 C) Pure product
Vapour Pressure	Not applicable
Specific Gravity (water=1)	Not available
Water Solubility	Not Soluble
Ph	6.5-7.5 (3% solution) of pure product
Volatility	Not applicable
Evaporation Rate	Not applicable
Coefficient of Water/Oil Distribution	Not available
Solvent Solubility	Soluble: alcohol, chloroform Slightly Soluble: acetone Very Slightly Soluble: ether

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**SECTION 10 - STABILITY AND REACTIVITY**

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Reactivity	Stable at normal temperatures and pressure.
Conditions to Avoid	Avoid heat, flames, sparks and other sources of ignition.
Incompatibilities	NA
Hazardous Decomposition	Thermal decomposition products: oxides of carbon
Polymerization	Will not polymerize.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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Toxicity Data	>45000 mg/kg oral-rat LD50; > 45000 mg/kg oral-rabbit LD50
Acute Toxicity Level	Very Moderately Toxic: ingestion

**HEALTH EFFECTS  
INHALATION**

Acute Exposure	Asthmatic reactions have been reported in several persons using commercial products containing this substance. Vomiting may also occur due to extreme bad taste
Chronic Exposure	No data available.

**SKIN CONTACT**

Acute Exposure	Pruritis, wheal formation and erythema have been reported in several persons using commercial products containing this substance.
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Chronic Exposure No data available.  
EYE CONTACT  
Acute Exposure : No data available.  
Chronic Exposure : No data available.  
INGESTION  
Acute Exposure No lethal dosage was recorded  
Chronic Exposure No data available.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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Not available

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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Dispose in accordance with all applicable regulations.

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**SECTION 14 - TRANSPORT INFORMATION**

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Land Transport ADR/RID No classification assigned.  
Air Transport IATA/ICAO No classification assigned.  
Maritime Transport IMDG No classification assigned.

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**SECTION 15 - REGULATORY INFORMATION**

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**US Regulations**

TSCA Inventory Status Y( all Inputs known)  
TSCA 12(b) Export Notification N  
CERCLA Section 103 40CFR302.4 N  
SARA Section 302 40CFR355.30 N  
SARA Section 304 40CFR355.40 N  
SARA Section 313 40CFR372.65 N

SARA Hazard Categories, SARA Sections 311/312 40CFR370.21  
ACUTE: N  
CHRONIC: N  
FIRE: N  
REACTIVE: N  
SUDDEN RELEASE: N

OSHA Process Safety 29CFR1910.119

N

**State Regulations**

California Proposition 65

N

**European Regulations**

EC Risk and Safety Phrases

S 2 Keep out of reach of children.  
S 13 Keep away from food, drink and animal feeding stuffs.  
S 24 Avoid contact with skin.  
S 36 Wear suitable protective clothing.  
S 46 If swallowed, seek medical advice immediately and show this container or label.

**CLASSIFICATION AND LABELING ACCORDING TO NEW EU DIRECTIVES**

INDICATION OF DANGER: Symbol

NA

**R- PHRASES**

R36/37/38 Irritating to eyes, respiratory system and skin.

**S- PHRASES**

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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**SECTION 16 – OTHER INFORMATION**

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PERTINENT PHRASES: S36/37/39

PERTINENT PHRASES: R36/37/38

HANDLE ALWAYS USING GLOVES AND FACE MASK

**Confidentiality Notice:**

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