

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: PRODUCT IDENTIFICATION

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Product Name: KOMA® Trimboards, Komatex, Komacel  
Manufacturing Site: Kommerling USA, Inc.  
Address: 3402 Stanwood Boulevard, Huntsville, Alabama 35811  
Telephone No.: (256)851-4099; (800)330-2239  
www.kommerlingusa.com  
Trade Name: PVC (Polyvinyl Chloride)  
CAS Numbers: 9002-86-2  
Registered Trademarks: KOMA® / Komatex®

**IMPORTANT NOTICE:** This Material Safety Data Sheet (MSDS) is issued by Kommerling USA, Inc., in accordance with the National Occupational Health & Safety Commission (NOHSC) guidelines. As such, the information in it must not be altered, deleted, or added to. Kommerling USA, Inc. will issue a new MSDS when there is a change in product specifications and/or NOHSC guidelines/regulations. Kommerling USA, Inc. will not accept any responsibility for any changes made to its MSDS by any other person or organization.

This product is an article as defined pursuant to Standards – 29 CFR 1910.1200. There will be no exposure to hazardous chemicals under normal conditions of use. This product is not subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**Recommended Use:** KOMA® Trimboards is an extruded polyvinyl chloride (PVC) material intended for use as a replacement for wood in exterior trim applications. KOMA Trimboards will not be affected by moisture and suffer the damage it causes. KOMA Trimboards are impervious to salt and insects and will never need to be replaced.  
Special tools are not needed to work with KOMA Trimboards. Some applications are fascia, moldings, soffits, fencing, sheet stock, fluted & flat casings, custom millwork, decorative trim and columns, rake and frieze boards, and corner boards. KOMA Trimboards can be fastened with nails, screws and adhesives.

## SECTION 2: COMPONENTS AND HAZARD CLASSIFICATION

PVC Polymer:	75-95%	
Inert Fillers:	0 - 30%	CaCO <sub>3</sub> , TiO <sub>2</sub>
Heat Stabilizer:	0 - 2%	Organotin or Calcium-Zinc Compounds
Lubricants:	0 - 4%	Calcium Stearate, Polyethylene and Esters
Process Aids:	0 - 15%	Acrylic compounds
Colorants:	0 - 4%	Organic and Inorganic
Chemical Blowing Agents:	0 - 1%	Azo Compounds or Sodium Bicarbonate

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## SECTION 3: PHYSICAL DATA

BOILING POINT (°F):	Solid
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	0.4-0.8 g/cc
VAPOR PRESSURE (mm Hg.):	Solid
MELTING POINT:	~175°C
SOLUBILITY IN WATER:	Solid
VAPOR DENSITY:	Solid
APPEARANCE AND ODOR:	Finished Sheet. Different according to coloring. Odorless.

## SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD):	Not applicable
AUTOIGNITION TEMPERATURE:	Not applicable
FLAMMABLE LIMITS IN AIR. % BY VOL:	
LOWER:	Not applicable
UPPER:	Not applicable
EXTINGUISHING MEDIA:	Water spray (fog), foam, dry chemical, or CO <sub>2</sub>
SPECIAL FIRE FIGHTING PROCEDURES:	Cool exposed equipment with water ++spray. Use self-contained breathing apparatus if fighting fire in confined spaces.
UNUSUAL FIRE AND EXPLOSION HAZARD:	PVC evolves hydrogen chloride, carbon monoxide, and other toxic gases when burned. Exposure to combustion products may be fatal and should be avoided.

**SECTION 5: HEALTH HAZARD INFORMATION** *\*\*Pertains to dust or chips as a byproduct of fabricating finished sheet\*\**

**FIRST AID**

EYES: Immediately flush with plenty of water. Call a physician if irritation persists.  
SKIN: Flush skin with plenty of water. Remove contaminated clothing. Call a Physician if irritation persists. Wash clothing before reuse.  
INHALATION: Remove to fresh air.  
INGESTION: Seek medical aid.

**NATURE OF HAZARD EYES:** If exposed to high concentrations of dust, physical irritation of the eyes.

**SKIN:** This material is not expected to present a hazard to the intact skin. Molten sheet will produce thermal burns.

**INHALATION:** Under normal conditions and with normal use, no inhalation hazard is presented. Please refer to Section IV, Fire and Explosion Data.

**INGESTION:** No significant health hazard can be reasonably anticipated.

**EXPOSURE LIMITS:** None established. ACGIH TLV of 10 mg/m<sup>3</sup> total dust as an 8-hour TWA is recommended.

**TOXICITY DATA**

**SKIN CONTACT:** A review of the pertinent literature did not reveal specific information for PVC.

**EYE CONTACT:** A review of the pertinent literature did not reveal specific information for PVC.

**INHALATION:** Rodents exposed by the dietary or inhalation route for 6 to 24 months have shown no significant toxicological effects. **INGESTION:** See above.

**SPECIAL PRECAUTIONS:**  
AVOID INHALATION OF COMBUSTION PRODUCTS.

## SECTION 6: REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY:	Not applicable
INCOMPATIBILITY:	Not applicable
HAZARDOUS DECOMPOSITION PRODUCTS:	Hydrogen chloride and other toxic fumes generated with combustion.
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:	Not applicable

## SECTION 7: SPILL OR LEAK PROCEDURES

When producing chips or dust from fabricating PVC sheet, sweep, scoop, or vacuum and remove. Dispose of only in accordance with local, state, and federal regulations.

## SECTION 8: SPECIAL PROTECTION INFORMATION *\*\*Pertains to dust or chips*

*as a by-product of fabricating finished sheet\*\**

### VENTILATION RECOMMENDATIONS:

General ventilation when fabricating and nuisance dust control necessary.

### SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: If dust is produced during handling, an approved particulate filter respirator should be used.

EYES: Safety glasses or goggles.

GLOVES: Necessary when handling hot or molten sheet.

OTHER CLOTHING AND EQUIPMENT: As necessary when handling hot or molten sheet.

## **SECTION 9: SHIPPING, TRANSFER AND STORAGE**

SHIPPING INFORMATION: Non-hazardous for transportation purposes

TRANSPORTATION AND STORAGE USUAL SHIPPING CONTAINERS:

Palletized sheets

STORAGE TRANSPORT: Sustained Temperatures above 150°F may cause slow degradation

ELECTROSTATIC ACCUMULATION HAZARD: YES

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Dated: January 1, 2009