



COMPOTITE CORPORATION

MATERIAL SAFETY DATA SHEET for COMPOSEAL 30 and 40 MIL (BLUE VINYL)

SECTION I

MANUFACTURER'S NAME

Compotite Corporation

ADDRESS

355 Glendale Blvd. Los Angeles, California 90026

CHEMICAL NAME AND SYNONYMS

Polyvinyl Chloride, PVC, Vinyl

CHEMICAL FAMILY

Vinyl Resin - Chloroethane Polymer

EMERGENCY TELEPHONE NO.

703/ 667-6666

TRADE NAME

Composeal Blue Vinyl

FORMULA

(CH₂Cl)n & functional add.

SECTION II - A HAZARDOUS INGREDIENTS

CHEMICAL NAME	%
PIGMENTS *	0-5
BARIUM SALTS (as Ba compounds) *	<0.6
CADIUM SALTS (as CD compounds) *	<0.6
ZINC SALTS (as ZN compounds) *	<0.6
ANTIMONY TRIOXIDE *	<1

SECTION II - B OTHER INGREDIENTS

CHEMICAL NAME	%	CAS#
PVC RESIN	**	9002-86-2
CALCIUM CARBONATE	**	4471-34-1
PLASTICIZERS	**	
STEARIC ACID	**	57-11-4
EPOXIDIZED SOYBEAN OIL	**	8013-07-8

NOTE: * These chemicals are subject to SARA 313 reporting requirements.

** Percentages are held as proprietary information.

Residual vinyl chloride monomers have not been detected by industrial hygiene monitoring during the manufacturing process.

SECTION III - PHYSICAL DATA

BOILING POINT (°F)

N/A

VAPOR PRESSURE (mm Hg)

N/A

VAPOR DENSITY (AIR = 1)

N/A

SOLUBILITY IN WATER

Slight

APPEARANCE AND ODOR

Pigmented or unpigmented sheet. Mild ester odor.

SPECIFIC GRAVITY (H₂O=1)

1.21 - 1.60

% VOLATILE BY VOLUME

<7%

EVAPORATION RATE (=1)

N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED)ASTM D1929 320^o - 390^oC**EXTINGUISHING MEDIA**

Water, ABC Dry Chemical, AFFF Protein

SPECIAL FIRE FIGHTING PROCEDURESNFPA Class A "Ordinary Combustible" CO₂ not recommended, Wear Positive Pressure, Self contained Breathing Apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Most vinyl compounds will not support combustion because they require a higher concentration of oxygen for burning than is present in the earth's atmosphere. Any vinyl can be forced to burn by continuous application of heat. When forced to burn, the primary combustion products will be hydrogen chloride, carbon monoxide, and carbon dioxide. Hydrogen chloride has a very corrosive effect on many metals. Affected surfaces should be washed to remove corrosive deposits as soon as possible after depositions have occurred.

SECTION V- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None Established

EFFECTS OF OVER EXPOSURE

No significant health hazards at ambient temperature when used as intended in product design. Material is not intended for use in burning application.

EMERGENCY AND FIRST AID PROCEDURES

Special equipment may be needed for specific applications. If irritation persists from processing vapors or decomposition products, remove individual from area. Call a Physician.

SECTION VI - REACTIVITY DATA

STABILITY

Stable

HAZARDOUS DECOMPOSITION PRODUCTSHCl, CO, CO₂, Benzene, Aromatic and Aliphatic Hydrocarbons, Aliphatic Olefins.**HAZARDOUS CONDITIONS TO AVOID**

See Section IX

POLYMERIZATION

Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

N/A

WASTE DISPOSAL METHOD

Landfill or other locally approved disposal method.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Positive pressure SCBA for fire fighting.

VENTILATION

Mechanical (General) Good general ventilation (typically 10 air changes per hour) should be sufficient to control airborne levels.

PROTECTIVE GLOVES

When material is heated.

EYE PROTECTION

Recommended for all industrial workplaces.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING

1. Sprinklered warehouses are recommended. Although most vinyl sheeting will not support combustion, materials such as cardboard boxes, wooden pallets, and other combustibles can provide sufficient fuel to cause vinyl to burn.
 2. Always wear rubber gloves when cleaning exhaust equipment or other surfaces.
 3. Regrinding of scrap generates substantial heat, which will not readily dissipate due to vinyl's excellent insulating properties. This could result in slow thermal decomposition of material, rendering the vinyl unsatisfactory for further processing and possibly causing a release of fumes and vapors to the workplace.
-

DISCLAIMER OF LIABILITY

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, express or implied regarding the accuracy of information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.