

Material Safety Data Sheet

MSDS Number: PCVC 54778
ISSUE Date: 12/16/13
Revision Date:

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PCVC 54778
Manufacturer: Prime Colorants, Inc. – 150 Alpha Drive – Franklin, TN 37064
General Information: 615-794-9551P
Emergency night phone: 615-790-4290
Emergency Chemtrec Phone: 1-800-424-9300 (24 hours)

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

This MSDS has been prepared in compliance with the federal OSHA hazardous communication standard 29CFR 1910.1200 as well, as state right to know guidelines. This product does not contain ingredients which would be considered to be a hazardous chemical under that standard, nor should this product be considered a hazardous chemical in its sold state or under conditions of anticipated or recommended use.

This material is not intended for use in products for which prolonged contact with mucous membranes or abraded skin, or implantation with in the human body, is specifically intended, unless the finished product has been tested in accordance with the food and drug administration and/or other applicable safety testing requirements. Because of the wide range of such potential uses, prime Colorants is not able to recommend this material as safe and effective such uses and assumes no liability for any such uses. This product if incinerated or subjected to high temperature or chemical reaction resulting in the total or partial loss of the carrier/binder polymer resin system could result in the release and environmental presence of the ingredients listed as components within this MATERIAL SAFETY DATA SHEET. Extreme care should be given to avoid such condition as handling, cleanup, and disposal procedures will be significantly altered.

FORMULA: PROPRIETARY BLEND: SPECIFIC FORMULATION INFORMATION IS CONSIDERED TO BE PROPRIETARY AND A TRADE SECRET WHICH MAY BE RELEASED TO PHYSICIANS, MEDICAL SUPPORT PERSONNEL OR CUSTOMER TECHNICAL OR PROCESS STAFF ON A NEED TO KNOW BASIS. ANY INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET WHICH IDENTIFIES SPECIFIC INGREDIENTS OR COMPONENTS IS ALSO CONSIDERED PROPRIETARY AND WE ASK IT BE SO TREATED WITHOUT LIMITING THE USE AND RELEASE OF ANY INFORMATION TO MAINTAIN COMPLIANCE WITH ANY GOVERNMENTAL REGULATION OR ANY EMPLOYEE RIGHT-TO-KNOW REQUIREMENTS. SPECIFIC HAZARDOUS COMPONENTS ARE IDENTIFIED IN SECTION II.

<u>Ingredient</u>	<u>CAS NO.</u>	<u>% by wt.</u>
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SECTION III – HAZARDS IDENTIFICATION

Threshold Limit Value (TLV): no product specific level established: however, airborne dust should not be generated under normal conditions of use.

Routes of exposure: inhalation, ingestion. Generally considered to be a non-breathable solid; however, nuisance dust may be generated in some operations. The pellets can act as an abrasive, molten or heated material can cause burns to unprotected skin. The use of long sleeve shirts and gloves is recommended during processing of hot polymer compounds. Eye contact with any particulate matter can cause eye irritation and should be avoided by wearing approved safety glasses or goggles.

Effects of Acute overexposure: none known

Effects of Chronic overexposure: none known

SECTION IV – FIRST AID MEASURES

Eye Contact: No need anticipated. Flush eyes with plenty of water. If irritation develops, call a physician promptly

Skin Contact: No need anticipated. Gently wash affected areas and treat for common dermatitis. If irritation develops, seek medical assistance.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical assistance.

Ingestion: No need anticipated. If it occurs call a physician or poison control center. Induce vomiting as directed by medical personnel.

SECTION V – FIRE FIGHTING MEASURES

Auto-ignition temperature: base resin – approximately 645 degrees Fahrenheit

Flammable limits in air (lower): not determined

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Flammable limits in air, upper: not determined
NFPA Code: H1 F1 R0

Fire fighting procedures: Individuals should perform only those fire-fighting procedures for which they have been trained. Use water spray, dry chemical, foam, or carbon dioxide. If possible water should be applied as a spray from a fogging nozzle since most polymers are a "surface burning" material. High temperatures may liberate toxic gases. Do not breathe smoke or fumes.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid uncontrolled releases of this material. Where spills are possible a comprehensive spill release response plan should be developed and implemented. If material enters a watercourse or sewer advise proper authorities of possible floating polymer compound.

Ozone Depleting substances: This product is not formulated by design or intent with, nor does the manufacturing process utilize any known CLASS I or CLASS II ozone depleting substances regulated by the EPA Clean Air Act (40 CFR Part 82).

Spill or leak Procedures: Cleanup procedures should include good housekeeping practices. Wear appropriate respiratory protection and protective clothing as described in section IX. Contain spilled material, transfer to secure containers. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Reclaim/recover where possible. Vacuum or scoop material released. The "wetting" of light and easily airborne particulate materials can be controlled by the use of a "sweeping" compound. Attempt to recover as much material as possible prior to contaminating with sweeping compound.

SECTION VII – HANDLING AND STORAGE

Handling and usage: Wash thoroughly after handling. Keep away from food and feed products. Keep container closed. Avoid breathing any dust, mist or fumes resulting from the use of this product. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Conditions of processing, handling and use may be altered when this product is combined with other products. The handling of pellets in both loading and unloading operations as well as fabrication may cause nuisance dust to be formed and necessary precautions for personal protection should be used.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control measures: handle only in the presence of adequate ventilation. Provide adequate mechanical ventilation at the points of handling.

Respiratory protection: Ambient work area concentrations should be monitored and where exposure can exceed acceptable criteria, use NIOSHA/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminant in air in accordance with OSHA 29 CFR 1910.34. Do not exceed use limits of the selected respirator. When respirators are a required part of process exposure controls a written and compatible respiratory protection program is recommended and may be required under applicable state or federal regulations.

Protective clothing: We suggest the use of gloves resistant to chemical penetration (cloth, rubber, plastic) as appropriate to job function and conditions.. Use personal protective clothing and of equipment in accordance with 29 CFR 1910.33.

Eye protection: Wear safety glasses meeting the specifications of ANSI standard Z87.1.

Other: Eye wash stations and personal hygiene wash facilities should be readily available. Employees should wash their hands and face before eating, drinking, or using tobacco products. The carrying of food stuffs, drinks, and tobacco products in the work environment where this product is used should not be permitted.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:

Specific Gravity: 2.0-3.0 g/cc (calculated per standard formula)

Solubility in water: nil (insoluble)

Appearance and odor: approximately 3/16" colored cylindrical pellet, odorless

SECTION X – STABILITY AND REACTIVITY

Stability: Generally stable under normal and customary conditions of use.

Hazardous polymerization: not likely to occur

Conditions & materials to avoid: strong acids, oxidizers such as chlorates, bromides, and nitrates, and temperatures above 662 degrees F. Can burn or react violently with fluorine oxygen mixtures with 50-100% fluorine.

Hazardous decomposition products: Thermal decomposition products may include C, CO, CO₂, H₂O, organic vapor, zinc & iron fumes.

SECTION XI – TOXICOLOGICAL INFORMATION

Toxic Substance Control Act (TSCA): This federal act requires that all chemicals imported, produced or used in United States manufacturing processes be registered in the Chemical Substance inventory. This product is a mixture/physical blend; therefore, it is not specifically listed in the TSCA inventory of chemical substances. All of the components of the mixtures are listed in the TSCA inventory of chemical substances.

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SECTION XIII – DISPOSAL CONSIDERATIONS

Disposal: All recovered material should be packaged, labeled, transported, and disposed, or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible. Prime Colorants may be able to assist in the recovery and recycle/reuse of this product.

SECTION XIV – TRANSPORT INFORMATION

EPA Waste Number: not regulated
DOT Classification: not regulated
International UN #: not regulated

SECTION XV – REGULATORY INFORMATION

SARA TITLE III Section 302: This product contains no extremely hazardous substances.
SARA Title III Section 313: This product does not contain "toxic" chemical(s) above the DE minimis levels which are subject to the reporting requirements of Section 313 of Title III of the SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (Emergency Planning and Community Right-To-Know Act) and CFR Part 372.

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
<u>%COMPOSITION</u>	

*****NOT APPLICABLE*****

California Proposition 65: The state of California has a regulation (Proposition 65) which identifies specific chemicals known to the state of California to cause cancer or birth defects. Proposition 65 requires a disclosure for products sold with the state of California containing an identified chemical. The following information is required by the state of California for this product:

This product does not contain any chemicals currently on the California list of known carcinogens and reproductive toxins.

State Right-to-Know: Components of this product that are specifically identified in the ingredients section of this Material Safety Data Sheet may be listed on the following state Right-to-Know regulations. As local regulations are altered, updated, and promulgated periodically, Prime Colorants cannot insure that this section is accurate beyond our initial review and suggest that all individuals consult their appropriate state and local authorities for details.

1. Pennsylvania Hazardous Substance list
2. Massachusetts Hazardous Substance List

SECTION XVI – OTHER INFORMATION

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Prime Colorants bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate. Prime Colorants encourages the copying (in its entirety) and distribution of this MATERIAL SAFETY DATA SHEET to all personnel using, processing, handling, transporting, and storing of this product.

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