



# MATERIAL SAFETY DATA SHEET

Valplast Int'l Corp.  
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## EMERGENCY NUMBERS:

Valplast Int'l Corp.: 718-361-7440 or 800-843-2861 *For emergency and general information*  
8:00 am-5:00pm (Eastern Time), Monday-Friday  
Page: 917-681-2585 *Non-business hours*

## SECTION I – PRODUCT INFORMATION

### Valplast Resin

## SECTION II – HAZARDOUS INGREDIENTS

### Toxicity Data

Principle Hazardous Component(s):  
PCT SARA ACGIH TLV (OSHA PEL) None Established

Exposure Limits:

**Caution: Inhalation of fumes during hot processing may cause respiratory irritation.**

Vapor Pressure:

Not Applicable

## SECTION III - PHYSICAL DATA

<i>Evaporation Rate</i> not available	<i>Solubility in Water</i> Negligible	<i>Percent Volatile</i> not available	<i>Vapor Density:</i> not applicable	<i>Approx. Boiling Range</i> not applicable	<i>Density:</i> not applicable
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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<i>Flash Point (method)</i> not available	<i>Approx. Flammable Limits</i> no data available	<i>Extinguishing Method:</i> Water Spray, Foam, Carbon Dioxide, or Dry Chemical
<i>Special Fire Fighting Procedures:</i> Burning will produce toxic fumes. Wear self-contained Breathing apparatus and full turnout gear to fight fires.		<i>Unusual Fire and Explosion Hazards</i> See below (precautions to be taken in handling and storing).

## SECTION V – HEALTH HAZARD DATA

<i>ACGIH TLV (OSHA PEL):</i> None Established
<i>Effects of Overexposure:</i> Caution - Inhalation of fumes from hot processing may cause respiratory irritation.
<i>Emergency and First Aid Procedures:</i> Contact – In case of burns from molten, apply cool running water. Call a physician. In case of exposure to fumes in hot processing, remove victim to fresh air. Administer artificial respiration or oxygen if needed. Call a physician.

### SECTION V I- REACTIVITY DATA

<i>Stability:</i> Unstable: Stable: X	<i>Conditions to avoid:</i> N/A	<i>Incompatibility</i> Strong Oxidants	<i>Hazardous Decomposition:</i> Burning will produce toxic fumes.
<i>Hazardous Polymerization:</i> May Occur: Will not occur: X		<i>Conditions to avoid:</i> N/A	

### SECTION VII- SPILL OR LEAK PROCEDURES

<i>Steps to be taken in case material is released or spilled: Waste</i> Collect and remove to disposal container. Comply reporting, and handling and disposal of waste.	<i>disposal method</i> Obey relevant local, state and federal laws. Do not contaminate any lakes, streams, ponds or underground water supply.
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### SECTION VIII - SPECIAL PROTECTION INFORMATION

<i>Respiratory Protection (Special Type)</i> In case of exposure to fumes from hot processing, use appropriate NIOSH-Approved respiratory protective equipment.
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<i>Ventilation:</i>	<i>Local Exhaust</i> Recommended	<i>Special</i> N/A
	<i>Mechanical</i> Recommended	<i>Other</i> N/A

*Protective Gloves:* Impermeable gloves to minimize skin contact.

*Eye Protection:* Safety glasses or face shield

*Other Protective Equipment:* Eye wash fountain

### SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:

Caution: Avoid contact with molten material. Avoid breathing vapors from hot processing. Use with adequate ventilation. HMIS ratings: Health - 1, Flammability - 1, Reactivity - 0 (Health rating applies only to acute effects as defined by the National Paint and Coatings Association.) Note: If dusts develop, ignitable (explosive) dust/air mixtures may form.

### DEFINITIONS

These definitions are intended for use with the Material Safety Data Sheets supplied by Valplast International Corp.

### SECTION I - PRODUCT INFORMATION

CHEMICAL NAME: General or generic identification.  
PRODUCT CODE: The sales code for the product, which should be used in all references to the product.

## SECTION II - HAZARDOUS COMPONENTS

A hazardous ingredient is one, which meets one or more of the following criteria:

1. Listed in the annual registry of toxic effects of chemical substances, or is known to be toxic within the parameters of that registry.
  2. Has an OSHA established, 8 hr. time-weighted average permissible exposure limit (PEL), or acceptable ceiling (C), or an American Conference of Governmental Industrial Hygienists (ACGIH) threshold limit value (TLV), and by nature of the product or its known use, it is likely to become airborne.
- And/or
3. It contributes to one or more of the following hazards of the product:
    - A. Flash point below 93 deg. C. (CC), or subject to spontaneous heating or decomposition.
    - B. Causes skin burns, (DOT)
    - C. Strong oxidizing agent, (DOT)
    - D. Subject to hazardous polymerization.

Each ingredient meeting one or more of the above criteria is listed in section II if present at a level at least greater than one percent. Ingredients which are claimed to be carcinogens, teratogens, mutagens, or causative agents of other reproductive disorders are listed if known or believed to be present, provided that the data supporting such claims is considered valid.

Each hazardous ingredient is listed by chemical, generic or proprietary name. Its level in the product is expressed as 1% or less, 1-10%, 10-30%, 30-60% or greater than 60%, or by other means.

## SECTION III - PHYSICAL DATA

INITIAL BOILING POINT: If liquid at 20 deg. C. and is given in Deg. C. at 760 mm of Hg.  
VAPOR PRESSURE: If liquid at 20 Deg. C. or if sublimes.  
SPECIFIC GRAVITY: If not know, it is indicated as <1, =1, or >1.  
PERCENT VOLATILES: Percent of material with initial boiling point below 220 Deg. C.  
EVAPORATION RATE: Indicated with reference to Butyl Acetate, unless stated.

## SECTION IV - PRODUCT IDENTIFICATION

FLASH POINT: Closed cup, TAG  
LOWER EXPLOSION LIMIT: Indicated component with lowest value.  
HAZARDOUS DECOMPOSITION PRODUCTS: Know hazardous products resulting from heating, burning, etc., or reactive materials which may arise from heating, burning, etc.  
SPECIAL FIRE FIGHTING PROCEDURES: Indicates equipment to protect firefighters from toxic procedures of combustion or if water is not to be used.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazards not covered by other sections of this report are shown here.

## SECTION V - HEALTH HAZARD DATA

Recipients of this data sheet should consult the OSHA safety and health standards (29 CFR 1910) particularly sub-part G - occupational health and environmental control and sub-part I - personal protective equipment, for general guidance on control of potential occupational health hazards.

PERMISSIBLE EXPOSURE LEVEL: OSHA established PEL - If none available, adopted value.  
EFFECTS OF OVEREXPOSURE: Given in general terms, local and systematic effects to the eyes, skin, if material is inhaled, unless not applicable due to physical form of product.

#### ABBREVIATIONS USED IN MSDS

NA = Not Applicable  
NE = Not Established  
NR = Not Required

#### NOTICE

All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from recognized technical sources; however, Valplast International Corp. makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his or her own use, handling and disposal of the product. Additional product literature may be available upon request. Since the actual use by the others is beyond our control, no warranty, expressed or obtained, or the safety and toxicity of the product, nor does Valplast International Corp. assume any liability arising out of use by others of the product referred to herein. The data in this Material Safety Data Sheet relate only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

**\*\*End of MSDS\*\***