

This document is a Safety Data Sheet for Compotite ABS plastic products which include:

**LINEAR DRAIN BODY**

**LINEAR DRAIN TILE-IN TOP**

**LINEAR DRAIN TILE-OVER TOP**

**LINEAR DRAIN GRATE RISERS & HAIR STRAINER**

**EXTEND-O-CAP**

**CUT & CAP**

**UNIVERSAL THREADLESS CLAMPING RING**

**EXTEND-A-DRAIN**

## 1. IDENTIFICATION

Trademark	:	CP Pryme Resin
Product name	:	A100-88
Product description	:	Poly( <b>Acrylonitrile-Butadiene-Styrene</b> ) Blend
Appearance	:	pellets
Recommended use	:	May be used to produce molded or extruded articles or as a component of other industrial products. Manufacture of plastics products, including compounding and conversion
Restrictions on use	:	For industrial use only
Supplier	:	<b>Compotite</b> Address: 730 Mooney Street, Bartow, FL 33830 Telephone: 800-221-1056 Fax: 800-334-3940 Email: info@compotite.com
Emergency Transportation #	:	CHEMTREC, U.S.: (800) 424-9300 International: +1 (703) 527-3887
Website	:	www.compotite.com

## 2. HAZARDS IDENTIFICATION

### GHS Remark

The additives in this product (if any) are bound in a thermoplastic resin matrix. In accordance with GHS for the classification of the product, the hazard potential may be assessed with respect to the physico-chemical form and/or bioavailability of the individual components in the thermoplastic resin. UN GHS says, that even if adverse effects are seen in animal studies or in-vitro tests, no classification is needed if the mechanism or mode of action is not relevant to humans. The European CLP Regulation also mentions, that no classification is indicated if the mechanism is not relevant to humans. Where GHS classifications are shown below, these are based on the individual components in the thermoplastic resin matrix. Under the typical use conditions for the resin, these hazardous components are unlikely to contribute to workplace exposure. Please read the entire safety data sheet and/or consult an EHS professional for a complete understanding.

### GHS Classification

Not a hazardous substance or mixture.

### GHS Label elements

Not a hazardous substance or mixture.

### Other hazards which do not result in classification

**Chase Plastic Services, Inc. Emergency Overview**

Pellets with slight or no odor

Spilled material may create slipping hazard.

Can burn in a fire creating dense, toxic smoke

Molten plastic can cause severe thermal burns

Fumes produced during melt processing may cause eye, skin, and respiratory tract irritation. Severe over-exposure may result in nausea, headache, chills, and fever.

Secondary operations, such as grinding, sanding, or sawing can produce dust which may present an explosion or respiratory hazard.

**Other information**

OSHA, IARC and/or NTP have listed carbon, titanium dioxide, crystalline silica (quartz), respirable glass and certain heavy metals, present in some colorants and fillers, as carcinogens. If these materials are present in this product at significant quantities, they are shown in Section 2/3. These materials are essentially bound to the plastic matrix and are unlikely to contribute to workplace exposure under recommended processing conditions.

**Processing Issues**

Processing vapors may cause irritation to the eyes, skin, and respiratory tract. In cases of severe exposure, nausea and headache can also occur. Grease-like processing vapor condensates on ventilation ductwork, molds, and other surfaces can cause irritation and injury to skin.

**Aggravated Medical Condition**

**MEDICAL RESTRICTIONS:** There are no known health effects aggravated by exposure to this product. However, certain sensitive individuals and individuals with respiratory impairments may be affected by exposure to components in the processing vapors.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Mixture

**Hazardous components**

Chemical Name	CAS-No.	Concentration
Styrene	100-42-5	>= 0.01 - < 0.1 %

Components which are considered potential hazards to health or the environment, if present above minimum concentrations, are listed above. Any concentration shown as a range is to protect confidentiality and/or is due to batch variation. Any non-hazardous components are being withheld as a trade secret. This product consists primarily of high molecular weight polymers which are not expected to be hazardous. Furthermore, any additives in this product are present within the polymer matrix and are not expected to be hazardous under recommended use conditions. Occupational exposure limits, if available, are listed in Section 8.

**4. FIRST AID MEASURES**

General advice : Thermal decomposition can lead to release of irritating gases and vapours. Move the victim to fresh air. Obtain medical attention.

If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

In case of skin contact	: After contact with skin, wash immediately with plenty of cold water. Wash off immediately with soap and plenty of water. Consult a physician. If skin irritation persists, call a physician.
In case of eye contact	: Immediately flush eye(s) with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Negligible or unlikely exposure pathways If accidentally swallowed obtain immediate medical attention.
Notes to physician	: No information available.

## 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray or "alcohol" foam. Water is the best extinguishing medium. Carbon dioxide and dry chemical are not generally recommended because their lack of cooling capacity may permit re-ignition on larger resin fires (blobs, drools, etc.).
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during firefighting	: Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Material is not sensitive to mechanical impact.
Hazardous combustion products	: Fire will produce dense black smoke containing hazardous combustion products, carbon oxides, hydrocarbon fragments, hydrogen cyanide, nitrogen oxides. If present, certain hazardous additives can also liberate halogenated hydrocarbons.
Further information	: Take precautionary measures against static discharges. During processing, dust may form explosive mixture in air. Thermal decomposition can lead to release of irritating gases and vapours.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary. Stay upwind/ keep distance from source.
Explosive properties	: Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Take precautionary measures against static discharges.
Environmental precautions	: Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal. Do not create a powder cloud by using a brush or compressed air.

## 7. HANDLING AND STORAGE

### Handling

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation. All metal parts of the mixing and processing equipment must be earthed. Open containers only in well-ventilated area.

### Storage

Conditions for safe storage : Keep tightly closed in a dry and cool place. Keep away from heat and sources of ignition. Residual monomer vapors can accumulate in the headspace of closed containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Reference
Styrene	100-42-5	TWA	50 ppm 215 mg/m <sup>3</sup>	NIOSH REL
Styrene	100-42-5	ST	100 ppm 425 mg/m <sup>3</sup>	NIOSH REL
Styrene	100-42-5	TWA	100 ppm	OSHA Z-2
Further information: Z37.15-1969				
Styrene	100-42-5	CEIL	200 ppm	OSHA Z-2
Further information: Z37.15-1969				
Styrene	100-42-5	Peak	600 ppm	OSHA Z-2
Further information: Z37.15-1969				
Styrene	100-42-5	TWA	50 ppm 215 mg/m <sup>3</sup>	OSHA P0
Styrene	100-42-5	STEL	100 ppm 425 mg/m <sup>3</sup>	OSHA P0
Styrene	100-42-5	TWA	20 ppm	ACGIH
Further information: Central Nervous System impairment, Upper Respiratory Tract irritation, Peripheral neuropathy				
Styrene	100-42-5	STEL	40 ppm	ACGIH
Further information: Central Nervous System impairment, Upper Respiratory Tract irritation, Peripheral neuropathy				

**Engineering measures** : Handle in accordance with good industrial hygiene and safety practice. Provide appropriate exhaust ventilation at machinery. Processing fume condensate may be a fire hazard and toxic; remove periodically from exhaust hoods, ductwork, and other surfaces using appropriate personal

protection.

**Personal protective equipment**

Respiratory protection : Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours. If dust or powder are produced from secondary operations such as sawing or grinding, use a respirator approved for protection from dust.

**Hand protection**

Material : Wear protective gloves.

Eye protection : Safety glasses with side-shields Chemical resistant goggles must be worn.

Skin and body protection : Long sleeved clothing

Protective measures : Wear suitable protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: pellets
Physical state	: solid
Colour	: natural
Odour	: none or slight
Odour Threshold	: No information available.
pH	: No data available
Melting point/range	: This product does not exhibit a sharp melting point but softens gradually over a wide range of temperatures.
Boiling point/boiling range	: not determined
Flammability	: No information available.
Upper explosion limit	: not determined
Lower explosion limit	: not determined
Vapour pressure	: negligible
Relative vapour density	: not determined
Relative density	: >1 (water = 1)
Density	: not determined
Water solubility	: insoluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: No information available.
Auto-ignition temperature	: 508 °C estimated
Decomposition temperature	: not determined
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable

**10. STABILITY AND REACTIVITY**

Reactivity : Stable under recommended storage conditions.

Chemical stability : Stable at normal ambient temperature and pressure.

Hazardous polymerisation does not occur.

Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: To avoid thermal decomposition, do not overheat. Heating can release hazardous gases. Do not exceed melt temperature recommendations in product literature. Purgings of hot material should be collected in small, flat, thin shapes and quenched with water to allow for rapid cooling. Do not allow product to remain in barrel at elevated temperatures for extended periods of time.
Incompatible materials	: No special restrictions on storage with other products.
Hazardous decomposition products	: Process vapors under recommended processing conditions may include trace levels of styrene, acrylonitrile, acrolein, acetaldehyde, acetophenone, ethyl benzene, cumene, alpha methylstyrene, 4-vinylcyclohexene, phenols

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product:

Acute oral toxicity  
Remarks: >5000 mg/kg (estimated)

Acute dermal toxicity  
Remarks: >2000 mg/kg (estimated)

#### Components:

#### **100-42-5:**

Acute inhalation toxicity

Components	Value type	Test atmosphere	Species	Value	Exposure time
Styrene	LC50		Rat	11.8 mg/l	4 h

### Respiratory or skin sensitisation

### Carcinogenicity

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### NTP

Components	Rating
Styrene	Group 2B: Possibly carcinogenic to humans

**Reproductive toxicity**
**Components:**
**100-42-5:**

Effects on foetal development

Components	Test Type	Application Route	Species	Value
Styrene		oral (gavage)	Rat	General Toxicity Maternal: LOAEL 180 mg/kg body weight
Styrene		inhalation (dust/mist/fume)	Rat	Developmental Toxicity: NOAEL 1.08 mg/l
Styrene		oral (gavage)	Rat	Embryo-foetal toxicity: NOAEL 300 mg/kg body weight
Styrene		inhalation (dust/mist/fume)	Rat	General Toxicity Maternal: NOAEL 1.08 mg/l
Styrene		inhalation (vapour)	Rabbit	General Toxicity Maternal: NOAEL 2.556 mg/l
Styrene		inhalation (vapour)	Rabbit	Teratogenicity: NOAEL 2.556 mg/l

**STOT - single exposure**
**Components:**
**100-42-5:**

Components	Exposure routes	Target Organs	Assessment
Styrene			May cause respiratory irritation.

**STOT - repeated exposure**
**Components:**
**100-42-5:**

Components	Exposure routes	Target Organs	Assessment
Styrene		Central nervous system	
Styrene			Causes damage to organs through prolonged or repeated exposure.

**Repeated dose toxicity**
**Components:**
**100-42-5:**

Components	Application Route	Species	Value	Exposure time
Styrene	inhalation (vapour)	Rat	NOAEL: 2.13 mg/kg	28 d

Styrene	inhalation (vapour)	Rat	NOAEL: 2.13 mg/kg	91 d
---------	------------------------	-----	-------------------	------

Repeated dose toxicity - Assessment : Causes damage to organs through prolonged or repeated exposure.

**Experience with human exposure**
**Product:**

Inhalation	: Remarks: Inhalation unlikely due to physical form. Processing fumes evolved at recommended conditions may contain trace amounts of hazardous chemicals. Extreme processing conditions or temperatures may result in higher levels. Processing vapors may cause irritation to the eyes, skin, and respiratory tract. In cases of severe exposure, nausea and headache can also occur. Grease-like processing vapor condensates on ventilation duct work, molds, and other surfaces can cause irritation and injury to skin.
Skin contact	: Remarks: Not a hazard during normal industrial use. If present, some additives (like glass fiber or flame retardants) may cause skin irritation in susceptible persons.
Eye contact	: Remarks: Resin particles, like other inert materials, are mechanically irritating to eyes.
Ingestion	: Remarks: Ingestion unlikely due to physical form.

**Further information**
**Product:**

Special Studies: The toxicological data has been taken from products of similar composition.

**12. ECOLOGICAL INFORMATION**
**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**
**Product:**

Additional ecological information

Do not flush into surface water or sanitary sewer system. Ecological injuries are not known or expected under normal



use.

### 13. DISPOSAL CONSIDERATIONS

#### Waste disposal methods

- Waste from residues : Where possible recycling is preferred to disposal or incineration. Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Contaminated packaging : Where possible recycling is preferred to disposal or incineration. Can be landfilled or incinerated, when in compliance with local regulations.

### 14. TRANSPORT INFORMATION

#### ADR

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### UNRTDG

Not regulated as a dangerous good

#### National Regulations

#### 49 CFR [DOT]

Not regulated as a dangerous good

### 15. REGULATORY INFORMATION

#### The components of this product are reported in the following inventories:

- REACH (European Union) : For further information, please contact: Manufacturer, importer, supplier
- CH INV (Switzerland) : The formulation contains substances listed on the Swiss Inventory  
Not in compliance with the inventory
- TSCA (USA) : On TSCA Inventory
- DSL (Canada) : All components of this product are on the Canadian DSL
- AICS (Australia) : On the inventory, or in compliance with the inventory
- NZIoC (New Zealand) : On the inventory, or in compliance with the inventory

ENCS (Japan)	: On the inventory, or in compliance with the inventory
ISHL (Japan)	: For further information, please contact: Manufacturer, importer, supplier
KECI (Korea)	: On the inventory, or in compliance with the inventory
PICCS (Philippines)	: Polymer exemption
IECSC (China)	: On the inventory, or in compliance with the inventory
TCSI (Taiwan)	: For further information, please contact: Manufacturer, importer, supplier
EHSNR (Malaysia)	: For further information, please contact: Manufacturer, importer, supplier
CICR (Turkey)	: For further information, please contact: Manufacturer, importer, supplier

**Other applicable national regulatory information**
**TSCA list**
**TSCA - 5(a) Significant New Use Rule List of Chemicals**

Not relevant

**TSCA - 12(b) Export Notification List of Chemicals**

Not relevant

**EPCRA - Emergency Planning and Community Right-to-Know Act**
**CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Acrylonitrile	107-13-1	100	*

\*Note: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Acrylonitrile	107-13-1	100	*

\*Note: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 302 Extremely Hazardous Substances**

Components	CAS-No.
Acrylonitrile	107-13-1

Calculated RQ exceeds reasonably attainable upper limit.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Components	CAS-No.	Concentration (%)
Styrene	100-42-5	>= 0.01 - < 0.1

**Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489).

#### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

#### US State Regulations

##### California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

Components	CAS-No.	Concentration (%)
Styrene	100-42-5	>= 0.01 - < 0.1
Acrylonitrile	107-13-1	>= 0.01 - < 0.1
Cumene	98-82-8	< 0.01
Ethylbenzene	100-41-4	< 0.01
Butadiene	106-99-0	< 0.0001
Titanium Dioxide PW6	13463-67-7	< 0.0001
Carbon Black	1333-86-4	< 0.0001

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

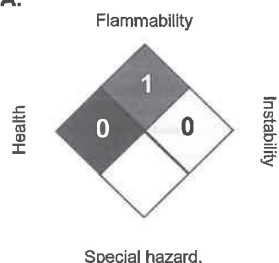
Components	CAS-No.	Concentration (%)
Butadiene	106-99-0	< 0.0001

## 16. OTHER INFORMATION

#### Further information

Registered trademark : CP Pryme® is a registered trademark of Chase Plastic Services, Inc.

Prepared by : Sales Productivity

**NFPA:**

**HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

**Disclaimer**

This Safety Data Sheet (SDS) information is provided based on the hazard communication regulations for the region or country in which the purchaser is located and for the use of the persons required to receive this information under those regulations. The information is neither designed nor recommended for any other use or for use by any other person, including for compliance with other laws. This SDS is valid and applicable only to this product as initially sold by us. This SDS is not valid unless it has been obtained directly from Chase Plastic Services, Inc. Modification of this SDS, unless specifically authorized by us, is strictly prohibited. This SDS is based on information that is believed to be reliable at the date of its issuance, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, each purchaser and user of this product is responsible for making its own determination as to: (i) the safe and proper handling of this product in its own particular use of this material; and (ii) the suitability of this product for the user's particular use. THE INFORMATION SET FORTH HEREIN DOES NOT CONSTITUTE OR CREATE ANY REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND DOES NOT ALTER OUR STANDARD CONDITIONS OF SALE.

**NFPA/HMIS disclaimer**

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety., Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk., Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

US / EN

End of Safety Data Sheet