



# SAFETY DATA SHEET

Revision Date 11-May-2021

Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** APEX  
**Description** 96-A0311Y-115 NATURAL NP  
PVC COMPOUND

### Other means of identification

**Product Code** 1140878

### Recommended use of the chemical and restrictions on use

**Recommended use** Restricted to professional users, Production of polymeric products  
**Uses advised against** None known

### Details of the supplier of the safety data sheet

Teknor Apex Company  
505 Central Avenue  
Pawtucket, RI 02861  
USA  
800-556-3864

### SDS Contact (email of responsible person)

TeknorSDS@TeknorApex.com

### Emergency telephone number

#### ChemTel 24-Hr Emergency Response Telephone Number:

USA Only: 800-255-3924  
International: 001-813-248-0585  
Contract #: MIS0006505  
China: 0532-83889090

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** - Pellets

**Physical State** - Solid

**Odor** - No data available

### Hazards not otherwise classified (HNOC)

None known

**Unknown acute toxicity**

Not Applicable

**Other Information**

None known

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

The components of this product are embedded in an impervious polymer matrix and are therefore not biologically available. Any hazardous constituents are fixed in the polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling. Additives contained in this product do not pose a risk to health unless they are liberated during processing (fumes from melting, dusts). Suitable Industrial Hygiene precautions should be implemented to prevent (respirable) dust and fume exposures. Exposure to (melting) fumes should be kept as low as possible, using suitable ventilation equipment. Dusts and fumes created from secondary processing may be irritating to respiratory tract and skin and should be considered as potentially hazardous. If user operations generate dust, fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**4. FIRST AID MEASURES****First Aid Measures**

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

**Skin Contact** Wash with soap and water.

**Inhalation** None under normal use conditions.

**Ingestion** Get medical attention.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Dry chemical, CO2 or water spray.

**Unsuitable Extinguishing Media** No information available.

**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous combustion products**

Carbon monoxide. Carbon dioxide (CO2). HCl. Trace Benzenes. Aliphatic hydrocarbons. Aromatic hydrocarbons. Cyanide.

**Explosion data**

**Sensitivity to Mechanical Impact** No information available.

**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Protective equipment and precautions for firefighters**

Use personal protective equipment as required. In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

**Other Information** Not Applicable.

### Environmental Precautions

**Environmental Precautions** Do not allow into any sewer, on the ground or into any body of water.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep tightly closed in a dry and cool place.

**Incompatible Materials** Strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** No special technical protective measures are necessary.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical State</b> | Solid                    | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | Pellets                  | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                     | <u>Values</u>  | <u>Remarks - Method</u> |
|-------------------------------------|----------------|-------------------------|
| <b>pH</b>                           | Not Applicable |                         |
| <b>Melting point/freezing point</b> | Not Applicable |                         |

|                               |                |
|-------------------------------|----------------|
| Boiling point / boiling range | Not Applicable |
| Flash Point                   | Not Applicable |
| Evaporation Rate              | Not Applicable |
| Flammability (solid, gas)     | Not Applicable |
| Flammability Limit in Air     |                |
| Upper Flammability Limit      | Not Applicable |
| Lower Flammability Limit      | Not Applicable |
| Vapor Pressure                | Not Applicable |
| Vapor Density                 | Not Applicable |
| Specific Gravity              | Not Applicable |
| Water solubility              | Negligible     |
| Solubility in other solvents  | Not Applicable |
| Partition coefficient         | Not Applicable |
| Autoignition Temperature      | Not Applicable |
| Decomposition temperature     | Not Applicable |
| Kinematic viscosity           | Not Applicable |
| Dynamic viscosity             | Not Applicable |
| Explosive properties          | Not Applicable |
| Oxidizing properties          | Not Applicable |
| Molecular weight              | Not Applicable |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Avoid overheating to minimize fume production.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), HCl, Trace Benzenes, Aliphatic hydrocarbons, Aromatic hydrocarbons, Cyanide

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|              |                                  |
|--------------|----------------------------------|
| Inhalation   | Avoid breathing vapors or mists. |
| Eye contact  | No data available.               |
| Skin Contact | No data available.               |
| Ingestion    |                                  |

### Information on toxicological effects

Symptoms No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Sensitization</b>            | No information available. |
| <b>Germ cell mutagenicity</b>   | No information available. |
| <b>Carcinogenicity</b>          | No information available. |
| <b>Reproductive toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | Not Applicable.           |

**Numerical measures of toxicity - Product Information**

No information available

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

No information available

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

|                           |   |
|---------------------------|---|
| <b>Disposal of wastes</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
|---------------------------|---|

|                               |   |
|-------------------------------|---|
| <b>Contaminated packaging</b> | Dispose of in accordance with federal, state and local regulations. |
|-------------------------------|---|

**14. TRANSPORT INFORMATION**

|                   |               |
|-------------------|---------------|
| <b><u>DOT</u></b> | Not regulated |
|-------------------|---------------|

|                    |               |
|--------------------|---------------|
| <b><u>IATA</u></b> | Not regulated |
|--------------------|---------------|

|                    |               |
|--------------------|---------------|
| <b><u>IMDG</u></b> | Not regulated |
|--------------------|---------------|

**15. REGULATORY INFORMATION****International Inventories**

|                      |          |
|----------------------|----------|
| <b>TSCA (Active)</b> | Complies |
|----------------------|----------|

**Legend:**

TSCA - Active United States Toxic Substances Control Act Section 8(b) Inventory

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | NO |
| Chronic Health Hazard             | NO |
| Fire hazard                       | NO |
| Sudden release of pressure hazard | NO |
| Reactive Hazard                   | NO |

**US State Regulations****California Proposition 65**

As formulated this product does not contain any Proposition 65 chemicals

**Other Regulations****EU Regulation (EC) No. 1907/2006 (REACH)**

As formulated, this product does not contain any ingredients listed as an SVHC above 0.1%.

**Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU and GB/T 26572)**

As formulated, this compound does not contain any substances regulated under EU RoHS Directive (2011/65/EU) (RoHS 2, as amended by 2015/863; RoHS 3) and China RoHS 2 (GB/T 26572) above threshold levels.

**Conflict Minerals**

As formulated, the raw materials used in this product do not intentionally contain any of the "Conflict Minerals". Conflict Minerals consist of Gold, Columbite-Tantalite (Tantalum), Cassiterite (Tin), and Wolframite (Tungsten) that originate from the Democratic Republic of Congo or adjoining countries.

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

|                    |                  |                |               |                                    |
|--------------------|------------------|----------------|---------------|------------------------------------|
| <b><u>NFPA</u></b> | Health Hazards 0 | Flammability 1 | Instability 0 | Physical and Chemical Properties - |
|--------------------|------------------|----------------|---------------|------------------------------------|

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**End of Safety Data Sheet**