



SAFETY DATA SHEET

Revision Date 11-May-2021

Version 5

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

Product identifier

Product Name APEX
Description DBS3510E NT NAT
PVC COMPOUND

Other means of identification

Product Code 1140281

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)

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

Label elements

Appearance - Powder **Physical State** - Powder **Odor** - No data available

Hazards not otherwise classified (HNOC)

Combustible dust clouds may be created where operations produce fine material (dust). Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Handling and processing operations should be conducted in accordance with 'best practices' (e.g. NFPA- 654)

Unknown acute toxicity

Not Applicable

Other Information

None known

Combustible dust

May form combustible dust concentrations in air

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
POLYVINYL CHLORIDE	9002-86-2	80 - 85
CALCIUM CARBONATE	1317-65-3	10 - 15

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 Remove to fresh air.

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.

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. Avoid creating dust.

Other Information Not Applicable.

Environmental Precautions

Environmental Precautions See Section 12 for additional Ecological Information.

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. Avoid creating dust.

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 None known based on information supplied

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL
POLYVINYL CHLORIDE	TWA: 1 mg/m ³ respirable particulate matter	-	-	Mexico: TWA 1 mg/m ³
CALCIUM CARBONATE	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust	

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 Wear suitable protective clothing.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

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

Physical State	Powder	Odor	No information available
Appearance	Powder	Odor Threshold	No information available
Color	No information available		
Property	Values	Remarks - Method	
pH	Not Applicable		
Melting point/freezing point	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	$\geq 1.400 \leq 1.440$		
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

None known based on information supplied.

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	May cause irritation.
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

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

Numerical measures of toxicity - Product Information

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available

Persistence and degradability

Not available.

Bioaccumulation

Not available.

Mobility

No information available.

Other adverse effects

Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories**TSCA (Active)** 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), Casserite (Tin), and Wolframite (Tungsten) that originate from the Democratic Republic of Congo or adjoining countries.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
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End of Safety Data Sheet