Date of Preparation: 11-10-2016

Section 1 Chemical Product and Company Identification

Product/Chemical Name: **PPC6UF0UV-Black**

Chemical Formula: Polypropylene Based Compound

Other Designations: Polymer Preparation, Mixture

Manufacturer:

	Global Contact	Europe Contact
	Washington Penn Plastic Co. Inc. 450 Racetrack Road Washington, PA 15301	Audia Plastics, s.r.o. Voderady 426 919 42 Voderady Slovakia
Contact:	Scott C. Ward	Radoslav Margetin
Email:	scottc.ward@audiagroup.com	msds-sk@washpenn.com
Phone:	(001) 724.206.4372	00421.33.323.8001
Fax:	(001) 724.228.7112	00421.33.323.8054

******** EMERGENCY OVERVIEW ********

Emergency Telephone: 1-800-424-9300
Outside U.S.: 1-703-527-3887

Do not allow material to enter streams or waterways per 40 CFR 122.26, "Significant Material".
Cover any exposed body areas where skin contact with molten material is possible.

Section 2 Hazard(s) Identification

Physical Hazards Not classified

Health Hazards Not classified

Environmental Hazards Not classified

OSHA Defined Hazards Combustible dust

Label Elements

Hazard Symbol None

Signal Word Warning

Hazard Statement If small particles are generated during further processing, handling or by other means, this may form combustible dust concentrations in air.

Precautionary Statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene practices.

Response Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) Not Otherwise Classified (HNOC) None known

Supplemental Information No ingredient(s) of unknown acute toxicity is intentionally used in this product.

Section 3 Composition / Information on Ingredients

Reportable Hazardous Substances

Chemical Name	*Common Name*	*CAS Number*	*%*
No Reportable Hazardous Substances*			

Base Component(s) of Mixture

Chemical Name	*Common Name*	*CAS Number*	*%*
1-propene, polymer with ethene	copolymer polypropylene	9010-79-1	**
Other components below reportable levels**	n/a	n/a	**

* There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

** Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 First-Aid Measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye Contact	Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most Important Symptoms/ Effects, Acute and Delayed	Dusts may irritate the respiratory tract, skin and eyes.
Indication of Immediate Medical Attention and Special Treatment Needed	Treat symptomatically.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 Fire-Fighting Measures

Suitable Extinguishing Media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Apply extinguishing media carefully to avoid creating airborne dust.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the Chemical	Explosion hazard: 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. During fire, gases hazardous to health may be formed.
Special Protective Equipment and Precautions for Firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-Fighting Equipment/Instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific Methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General Fire Hazards	May form combustible dust concentrations in air.

Section 6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Use only non-sparking tools. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take

precautionary measures against static discharge. Use only non-sparking tools. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental Precautions

Avoid discharge into drains, water courses, or onto the ground.

Section 7 Handling and Storage

Precautions for Safe Handling

Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Explosion-proof general and local exhaust ventilation. Do not breathe dust. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 Exposure Controls/Personal Protection

Occupational Exposure Limits

U.S. OSHA (29 CFR 1910.1000)

Components	*Type*	*Value*	*Form*
Nothing to report			

U.S. ACGIH Threshold Limit Values

Components	*Type*	*Value*	*Form*
Nothing to report			

U.S. NIOSH: Pocket Guide to Chemical Hazards

Components	*Type*	*Value*	*Form*
Nothing to report			

Biological Limit Values	No biological exposure limits noted for the ingredient(s).
Exposure Guidelines	Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.
Appropriate Engineering Controls	Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Skin Protection	
Hand Protection	For prolonged or repeated skin contact use suitable protective gloves.
Other	Wear suitable protective clothing.
Respiratory Protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal Hazards	Wear appropriate thermal protective clothing, when necessary.
General Hygiene Considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 Physical and Chemical Properties

Appearance	
Physical State	Solid
Form	Solid, pellets, granulars
Color	Varies based on colorants
Odor	Odorless; mild odor
Odor Threshold	Not available
Ph	Not available
Melting Point/Freezing Point	155-170°C (310-340°F)
Initial Boiling Point and Boiling Range	Not available
Flash Point	above 300°C (570°F) decomposition occurs and flash of fumes may occur.
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Upper/Lower Flammability Or Explosive Limits	
Flammability Limit – Lower (%)	Not available
Flammability Limit – Upper (%)	Not available

Explosive Limit – Lower (%)	Not available
Explosive Limit – Upper (%)	Not available
Vapor Pressure	Neglible
Vapor Density	Not available
Relative Density	0.9-1.8 g/cm³
Solubility(Ies)	
Solubility (Water)	Neglible
Partition Coefficient (N-Octanol/Water)	Not available
Auto-Ignition Temperature	> 360°C (> 680°F)
Decomposition Temperature	> 300°C (> 570°F)
Viscosity	Not available
Other Information	
Explosive Properties	Not explosive
Oxidizing Properties	Not oxidizing

Section 10 Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport
Chemical Stability	Material is stable under normal conditions
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, sparks and open flame. Minimize dust generation and accumulation. Contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	No hazardous decomposition products are known

Section 11 Toxicological Information

Information on Likely Routes of Exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin Contact	No adverse effects due to skin contact are expected.
Eye Contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics	Dusts may irritate the respiratory tract, skin and eyes.

Information on Toxicological Effects

Acute Toxicity

Components	***Speices***	***Test Results***
Not classified		

Skin Corrosion/Irritation	Prolonged skin contact may cause temporary irritation.
Serious Eye Damage/Eye Irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or Skin Sensitization

Respiratory Sensitization	Not a respiratory sensitizer.
Skin Sensitization	This product is not expected to cause skin sensitization.
Germ Cell Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Iarc Monographs. Overall Evaluation Of Carcinogenicity

polypropylene (CAS 9003-07-0)	3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Reproductive Toxicity	This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity - Single Exposure	Not classified
Specific Target Organ Toxicity - Repeated Exposure	Not classified
Aspiration Hazard	Not an aspiration hazard

Section 12 Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	*Species*	*Test Results*
Nothing to report		

Persistence and Degradability	No data is available on the degradability of this product.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 Disposal Considerations

Disposal Instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local Disposal Regulations	Dispose in accordance with all applicable regulations.
Hazardous Waste Code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste From Residues / Unused Products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated Packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 Transportation Information

DOT	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

Section 15 Regulatory Information

US Federal Regulations

OSHA	When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
TSCA	Listed on the United States TSCA (Toxic Substances Control Act) inventory.
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.
EPCRA	This material contains no extremely hazardous substances.
SARA Section 311/312 Hazard Classes	Acute Health Hazard: No Chronic Health Hazard: No Fire Hazard: No Sudden Release of Pressure Hazard: No Reactive Hazard: No
SARA Section 313 Toxic Release Inventory	This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
Conflict Minerals (Dodd-Frank Wall Street Reform and Consumer Protection Act, 2010)	Conflict minerals, which include columbite-tantalite (coltan) [source for tantalum], cassiterite [source for tin], wolframite [source for tungsten], gold ore, or their derivatives, are not intentionally used in the manufacture of or formulation of this product.
Clean Water Act (CWA/OPA)	Plastic pellets are defined by the US EPA under the Clean Water Act (40CFR122.26) as a "significant material" which requires any industrial plant that may expose pellets to storm water to secure a storm water permit. Violations of the rule carry the same penalties as other Clean Water Act violations. Pellets found in storm water runoff are subject to EPA regulations with the potential for substantial fines and penalties.
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated
Safe Drinking Water Act (SDWA)	Not regulated.

CPSIA (Consumer Product Safety Improvement Act, 2008)	The following substances, lead [CAS# 7439-92-1] at levels greater than 100 ppm (0.01%) and phthalates at levels greater than 1000 ppm (0.1%), are not intentionally used in the manufacture of or formulation of this product. The Toy Safety Standard, ASTM F 963-07, which was made a mandatory CPSC standard by the CPSIA, also states migration limits for seven heavy metals that may be in toy materials. These metals and their respective migration limits are: Antimony (Sb) [CSA# 7440-36-0] <60 mg/kg, Arsenic (As) [CSA# 7440-38-2] <25 mg/kg, Barium (Ba) [CSA# 7440-39-3] <1000 mg/kg, Cadmium (Cd) [CSA# 7440-43-9] <75 mg/kg, Chromium (Cr) [CSA# 7440-47-3] <60 mg/kg, Mercury (Hg) [CSA# 7439-97-6] <60 mg/kg, and Selenium (Se) [CSA# 7782-49-2] <60 mg/kg. These heavy metals are not intentionally used in the manufacture of or formulation of this product.
Latex	"Natural rubber latex", "dry natural rubber", "synthetic latex", or "rubber that contains natural rubber" are not used in the manufacture of or the formulation of this product.
Ozone-Depleting Substances (ODSs)	Class I and Class II ODSs listed in the U.S. Clean Air Act and U.S. EPA regulation 40 CFR Part 82: “Protection of Stratospheric Ozone” are not used in the manufacture of or formulation of this product. ODSs listed in “The Montreal Protocol on Substances that Deplete the Ozone Layer” (2000) are not used in the manufacture of or formulation of this product. ODSs listed in Regulation (EC) No 1005/2009 “Substances that Deplete the Ozone Layer” are not used in the manufacture of or formulation of this product.

U.S. State Regulations

California	Not listed
Massachusetts	Not regulated
New Jersey	Not listed
Pennsylvania	Not listed
Rhode Island	Not regulated
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)	Substances and chemicals which are known to the State of California to cause cancer and/or reproductive toxicity under California Proposition 65 are not intentionally added in the manufacture of or formulation of this product.
CONEG (Coalition of Northeastern Governors)	The following substances, cadmium [CAS# 7440-43-9], hexavalent chromium [CAS# 1333-82-0], lead [CAS# 7439-92-1], and mercury [CAS# 7439-97-6], are not intentionally used in the manufacture of or formulation of this product exceeding the regulated levels <100 ppm (<0.01%) set forth by the Toxics in Packaging Clearinghouse (TPCH).

Canada Regulations

Prohibition of Certain Toxic Substances Regulations, 2012	Substances and chemicals which have been classified as toxic substances by the Candadian Environmental Protection Act, Prohibition of Certain Toxic Substances Regulations are not intentionally added in the manufacture of or formulation of this product.
WHMIS 2015	Not regulated
Controlled Drugs and Substances Act	Not regulated
Export Control List (CEPA 1999, Schedule 3)	Not listed
Greenhouse Gases	Not listed
Precursor Control Regulations	Not regulated

International Regulations

REACH (Regulation (EC) No 1907/2006)	Substances and chemicals sold into Europe, or produced in Europe, individually or as part of preparations will be regulated according to the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) legislation (please visit http://ec.europa.eu/ enterprise/reach/index_en.htm for further information). We sell thermoplastic compound preparations into the European market, or produced in Europe, and as such we confirm that all substances of this preparation are compliant with the pre-registration requirements of REACH, and that we have the intentions to proceed with the registration of these substances, or to procure substances only from suppliers from which confirmation has been received that the suppliers are aware of their REACH requirements, that they have preregistered and/or will timely register their substances. *Substances of Very High Concern (SVHC)*: This product does not contain any of the candidate chemicals proposed to be Substances of Very High Concern above the 1,000 ppm (0.1%) threshold as stated in REACH (Article 57, Regulation No 1907/2006) determined either through (i) non-use of the substance, (ii) mass balance calculation, or (iii) specific testing.

RoHS 2 (Directive 2011/65/EU) and ELV (End-Of Life Vehicles, Directive 200/53/EC)

The following chemicals and substances are not intentionally used in the manufacture of or formulation of this product exceeding the regulated levels listed below as set forth in RoHS 2, "restriction of the use of certain hazardous substances in electrical and electronic equipment", and determined either through (i) non-use of the substance, (ii) mass balance calculation, or (iii) specific testing.

cadmium	100 ppm (0.01%) [CAS# 7440-43-9]
hexavalent chromium	1,000 ppm (0.1 %) [CAS# 1333-82-0]
lead	1,000 ppm (0.1 %) [CAS# 7439-92-1]
mercury	1,000 ppm (0.1 %) [CAS# 7439-97-6]
polybrominated biphenyls (PBB)	1,000 ppm (0.1 %) [CAS# 59536-65-1]
polybrominated diphenyl ethers (PBDE)	1,000 ppm (0.1 %) *

*PBDE includes the following ethers; bromodiphenyl ether [CAS# 101-55-3], dibromodiphenyl ether [CAS# 205-47-7], tribromodiphenyl ether [CAS# 49690-94-0], tetrabromodiphenyl ether [CAS# 40088-47-9], pentabromodiphenyl ether [CAS# 32534-81-9], hexabromodiphenyl ether [CAS# 36483-60-0], heptabromodiphenyl ether [CAS# 68928-80-3], octabromodiphenyl ether [CAS# 32536-52-0], nonabromodiphenyl ether [CAS# 63936-56-1], decabromodiphenyl ether [CAS# 1163-19-5].

Packaging and Packaging Waste - EU Directive 94/62/EC (as amended)

Cadmium, chromium (VI), lead and mercury are not intentionally used in the manufacture of or the formulation of this product. This product meets the year 2001 requirements of less than 100 ppm (0.01%) for total incidental cadmium, chromium (VI), lead, and mercury. In addition, this product has the potential to be recycled according to these requirements.

Section 16 Other Information

Prepared By Safety and Technology Departments

Revision Notes Any questions call 724-206-4282

Further Information This Safety Data Sheet conforms to regulation 1907/2006/EC (REACH). This product has been classified in accordance with European CLP Regulations (1272/2008/EC) and the U.S. Hazard Communication Standard (29 CFR 1910.1200).

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

HMIS® Rating

Health: 0 - Minimal Hazard - No significant risk to health
Flammability: 1 - Slight Hazard
Physical hazard: 0 - Minimal Hazard
Personal protection: X

NFPA Rating

Health: 0 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
Flammability: 1 - Must be preheated before ignition can occur.
Instability: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

Disclaimer WPP cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information given is based on data available for the material, the components of the material, and similar materials.