

Material Safety Data Sheet

Revision No : 1

Date-Issued : 06/10/2017

SECTION 1 : PRODUCT SPECIFICATION AND COMPANY IDENTIFICATIN

Product Name : XUANWU XW6420
Chemical Name : Acrylonitrile Butadiene Styrene Compound
Manufacturer Name : POLYALLOY INC.
Address : No.45, Jingjian 2nd Rd., Guanyin District,
Taoyuan City ,32853 TAIWAN
Emergency Telephone : 886-3-4838475 Ext:264
Facsimile No : 886-3-4838582

SECTION 2 : COMPOSITION,INFORMAION ON INGREDIENTS

Chemical Name	CAS NO	Wt%
Acrylonitrile Butadiene Styrene	9003-56-9	40-50%
Tungsten	7440-33-7	50-60%
Montan Wax	8002-53-7	0-1.0%

SECTION 3 : HAZARDOUS INGREDIENTS

Human Health Hazards :
Inhalation : Dust and process vapors may cause respiratory tract irritation
Eyes : Dust and process vapors may irritate eyes.
Skin : May cause skin irritation. Exposure to molten resin may cause thermal burns.
Appearance : Pellet
Primary Route of Exposure : skin contact

SECTION 4 : FIRST AID MEASURES

Skin :
Flush eyes with water for 15 minutes. Get medical attention, if irritation persists.
Molten Resin: If molten material comes in contact with the skin, immediately cool under ice water or a running stream of water and get medical attention.
Don not attempts to remove the material from the skin.
Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion : Temporary mechanical irritation of the digestive tract.



POLYALLOY INC.

www.polyalloy.com.tw

TEL : +886 3483 8479 FAX : +886 3483 8582
No.45., Jingjian 2nd Rd., Guanyin Township,
Taoyuan County, Taiwan 32853

QR-MD-02-2
©POLYALLOY INC. 2015

SECTION 5 : FIRE FIGHTING MEASURES

Flashpoint and Method :	Not determined
Flammability Limits :	Not yet determined
Auto ignition Temperature :	Not determined
Extinguishing Media :	Use foam, carbon dioxide, or water spray when fighting fires involving this material.
Hazardous combustion products:	Carbon dioxide, carbon monoxide, ketones, acrolein, aldehydes, unidentified organic compounds.
Explosion Hazards :	Product as shipped is not a combustible dust. However, a combustible concentration of dust may occur when fines are suspended in air.
Fire Fighting Procedures :	Standard procedures for Class A fires.
Fire Fighting Equipment :	As in any fire, self-contained pressure demand breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.
Sensitive to static discharge :	None Known.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Small Spill :	Sweep up material and place in a disposal container.
Large Spill :	Vacuum or sweep up material and place in a disposal container.
Environmental Precautions.	
Water spill :	Keep pellets out of waterways.
Land spill :	Not yet determined
Air spill :	Not yet determined
General Procedures:	Vacuum or sweep up material and place in a disposal container.
Release Notes :	None

SECTION 7 : HANDLING AND STORAGE

General Procedures :	Keep away from heat, sparks and flame.
Handling :	Ground and bond containers when transferring material.
Storage :	Stored boxes and bags of material in areas protected with automatic sprinklers. Store in a cool place below 60°C/140°F.

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls :	Provide adequate room ventilation at the extruder to minimize exposure to process vapors. Eliminate ignition sources during repair and maintenance operations.
Personal Protective Equipment:	
Eyes and Face :	Wear safety glasses with side shields (or goggles)
Skin :	When handling or processing resins at elevated temperature or in a molten state,



POLYALLOY INC.

www.polyalloy.com.tw

TEL : +886 3483 8479 FAX : +886 3483 8582
No.45., Jingjian 2nd Rd., Guanyin Township,
Taoyuan County, Taiwan 32853

QR-MD-02-2
©POLYALLOY INC. 2015

	wear protective clothing and gloves over the skin to prevent contact.
Respiratory :	A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator.
Protective clothing:	When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over the skin to prevent contact.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Solid
Odor :	Essentially odorless
Appearance :	Pellet
Freezing Point :	Not Applicable
Flash Point :	Not yet determined
Melting Point(DSC):	-
Specific Gravity :	1.99-2.02
(VOC) notes:	Not yet determined
Water Solubility :	Negligible

SECTION 10 : STABILITY AND REACTIVITY

General :	Stable
Hazardous Polymerization:	None
Conditions to Avoid :	Keep away from heat, sparks and flame
Polymerizations:	Product will not undergo polymerization

SECTION 11 : TOXICOLOGICAL INFORMATION

General Comments :	None Known.
--------------------	-------------

SECTION 12 : ECOLOGICAL INFORMATION

Environment Data :	Not Available
Ecotoxicological Information :	Not Available
Distribution :	Not Available
Chemical Fate Information :	Not readily biodegradable

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste disposal :	Recycling and reprocessing is strongly encouraged.
	Incineration and landfilling of waste material in a permitted facility in accordance with local, state or provincial and federal regulations.

SECTION 14 : TRANSPORT INFORMATION

Hazard class : NA

Shipping notes : NA

SECTION 15 : REGULATORY INFORMATION

Follow all regulations in your country

SECTION 16 : OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing existing laws and regulations.



POLYALLOY INC.

www.polyalloy.com.tw

TEL : +886 3483 8479 FAX : +886 3483 8582
No.45., Jingjian 2nd Rd., Guanyin Township,
Taoyuan County, Taiwan 32853

QR-MD-02-2
©POLYALLOY INC. 2015