

Material Safety Data Sheet

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value	Not determined	
Ventilation	Necessary to exclude dust, fumes and gases.	
Personal Protection	Eye	Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
	Respiratory	Wear masks for cleaning molding machines.
	Gloves	Necessary for handling melted resin.

9. PHYSICAL and CHEMICAL PROPERTIES

Appearance	black pellets
Melting Temperature	Softening above 100°C
Solubility	Insoluble in water
Specific Gravity	1.03 ~ 1.10

10. STABILITY AND REACTIVITY

Flammability	Yes
Flash Point	404°C
Autoignition Temperature	466°C
Reactivity with Water	No
Stability	Stable and non-reactive under normal handling and storage condition.
Dust Explosion	Possible if powder exits. Explosion data for powder (<145mesh) Lower explosion limit 45 g/m ³ Minimum ignition energy 3.6 mJ Maximum explosion pressure 7 × 10 ⁵ Pa Maximum pressure increase rate 3.2 × 10 ⁷ Pa/S
Thermal Decomposition Gases	CO, HCN, AN, SM and NO
Combustion Energy	3.53 × 10 ⁷ J/kg (8424 Kcal/kg)

11. TOXICOLOGICAL INFORMATION

Irritation	Fumes or vapors generated from decomposing resin may be irritant to eyes.
Acute oral toxicity (LD50)	Not determined
Mutagenicity	Not determined

12. ECOLOGICAL INFORMATION

To avoid being taken by ocean species or birds, disposal of the waste to the ocean and water sources is inhibited.

13. DISPOSAL CONSIDERATIONS

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution.
Inadequate incineration may generate toxic gases such as CO, HCN, AN and SM.

14. TRANSPORT INFORMATION

Not classified

15. REGULATORY INFORMATION

Not available

16. OTHER INFORMATION

None