

# ZIRCO-BLAST

**SDN. BHD.**

(Co. No. 505255-V)

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## Material Safety Data Sheet

### 1. Product Identification

Identification of Product	-	Nylon Shots
Manufacturer	-	Abrasive Supply Co. Inc.,
Chemical Name	-	Nylon
Chemical Family	-	Polyamide – Nylon 6

### 2. Composition / Ingredients

Ingredients / CAS registry No.	-	>98.00 % Polyamide CAS registry No: 25038-54-4
	-	<1.00 % Caprolactum CAS registry No: 105-60-2
	-	<1.00 % Pigments Various

### 3. Hazardous Identification

PEL	-	No PEL has been established for this product as usage is within confined blasting chamber.
TLV	-	No TLV has been established for any component of this product. Prolonged exposure may cause skin and eye irritation. As product is intended to be used within a confined blasting chamber, prolonged exposure is unlikely.
Hazard Classes	-	Non Regulated

### 4. First aid measures

After Inhalation	-	Remove to fresh air.
After skin contact	-	Rinse with running water and soap.
After eye contact	-	Immediately flush eyes with running water for 10 minutes and see physician.
After Ingestion	-	Seek medical attention immediately.

### 5. Fire Fighting measures

Breathing Apparatus.	-	Material is self extinguishing when removed from source of ignition. Fire fighters should wear self contained breathing apparatus. If exposed to fire please follow the below procedures.
Suitable extinguishing media	-	Foam, extinguishing powder, carbon dioxide, water.
Extinguishing media which must not be used for safety reasons	-	High pressure water jet.
Special exposure hazards from resulting gases	-	None known.
Unusual Fire Hazards	-	Airborne dust of any nature could form explosive mixture with air. Maintain good housekeeping for control of dust.

### 6. Accidental release measures

Personal precautions	-	Avoid contact with eyes and skin.
Environmental precautions	-	Do not allow to flow into drainage system.
Method of cleaning up / removing	-	Sweep up and place into plastic bags or containers.

### 7. Handling and storage

Handling	-	No special measures required.
Storage	-	Store in a dry place and keep material tightly sealed.

## **8. Exposure control**

- Information on the system design. - No special measures required.
- Ventilation - Locate exhaust where necessary to maintain exposure level to OSHA permissible limits.

## **9. Personal Protection**

- Personal protection - Wear suitable protective gloves and protective goggles.
- Respiratory Protection - The need for respiratory protection should be determined By an industrial Hygiene evaluation.

## **10. Physical and Chemical Properties**

- Physical status / Appearance - Solid, Cubicle
- Colour - Red
- Odor - Nil.
- Flash point - Nil
- Ignition Temperature - 450 Deg. C
- Vapor Pressure (mm of HG) - Not Applicable
- Vapor Density - Not Applicable
- Solubility in water - Not Applicable
- Specific Gravity - 1.14
- Boiling point - Nil
- Melting point - 215 Deg C
- Freezing Point - Not Applicable
- Evaporation Rate - Not Applicable

## **11. Stability and reactivity**

- Stability - Stable
- Conditions to avoid - None known
- Materials to avoid - None if used for its intended purpose.
- Hazardous decomposition products - None.

## **12. Toxicological information**

- Ingestion - Moderately toxic after ingestion.
- Skin contact - Overexposure may cause irritation.
- Eye contact - Overexposure may cause irritation.

## **13. Ecological information**

- Persistence and degradability - Material is not biodegradable as it is. As disposal is after conversion to dust during its intended use, it is approved for land fill. If dust is contaminated with other toxic waste during use, approval from local authorities are needed.
- Aquatic toxicity - Non toxic. Do not release into water.

## **14. Disposal Information**

- Method - Land fill. As disposal is after conversion to dust during its intended use, it is approved for land fill. If dust is contaminated with other toxic waste during use, approval from local authorities are needed

## **15. Transport Information**

- Special Requirement - Not a hazardous material. Not subjected to any regulations.

## **16. Special Precautions**

- None.

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