0800 278 600
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euromarc.co.nz

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (Material) Name	**BLUE HUBBLE**
Other Names	BLUE HUBBLE L, BLUE HUBBLE S, BLUE COMPOUND, HUBBLE
Recommended Use	Abrasvie composition in bar form for polishing use
Supplier	**Euromarc** 203 Glover Rd Hawera NZ
Phone	0800 278 600 (Monday to Friday, 7.30 am to 5.00 pm)
Email	sales@euromarc.co.nz

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Dust may cause eye and respiratory irritation. Dust particles or filings may cause abrasive injury to the eyes. Fine dust generated by grinding may be spontaneously combustible or create a fire or explosion hazard.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

COMPOSITION	CAS NO	PERCENTAGE
Aluminum Oxide	1344-28-1	70%
Stearic Acid	57-11-4	30%

4. FIRST AID MEASURES

Ingestion	If dust is swallowed, seek medical attention.
Inhalation	If overexposed to dust, remove victim to fresh air and get medical attention.
Eye Contact	Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation persists. Obtain immediate medical attention for foreign body in the eye.
Skin Contact	Wash dust from skin with soap and water. Launder contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Extinguishing Media	CO2, dry chemical, foam, water fog. Treat as an oil fire.
Special Firefighting Procedures	None needed.
Unusual Fire and Explosion Hazards	Fine dusts created during grinding or processing may be spontaneously combustible or create a fire or dust explosion hazard. Many materials create flammable/explosive dusts or turnings when machined. Material will burn under fire conditions – treat as an oil fire.
Hazardous Combustion Products	Oxides of carbon and smoke.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Pick up, sweep up or vacuum and place in a container for disposal. Minimize generation of dust. Notify authorities as required by local, state and federal regulations.

7. HANDLING AND STORAGE

Recommended Work Practices
Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking or smoking. Consider potential exposure to components of the base materials or coatings being machined. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

Dust generated during machining or processing may spontaneously combust or create a fire or dust explosion hazard. Use good housekeeping to prevent the accumulation of dusts around the workplace.

Storage
Store in a dry location.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV
Aluminum oxide	15 mg/m³ Total dust 5 mg/m³ respirable fraction	1 mg/m³ TWA respirable fraction (as Al)
Stearic Acid	15 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts.	3 mg/m³ respirable particles and 10 mg/m³ inhalable particles.

Ventilation:
Use local exhaust or general ventilation as required to minimize exposure to dust and maintain the concentration of contaminants below the TLVs.

Respiratory Protection:
Use NIOSH approved respirator if exposure limits are exceeded or where dust exposures are excessive. Consider the potential for exposure to components of the coatings or base material being brushed or machined in selecting proper respiratory protection. Selection of respiratory protection depends on the contaminant type, form and concentration.

Gloves:
Avoid skin contact with dust. Follow facility requirements regarding glove use to avoid safety hazard..

Eye Protection:
Safety goggles or safety glasses with side shields.

Other:
Protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Blue Color	**Flash Point**	: Not available
Odor	: Odorless.	**Boiling Point**	: Not available
Solubility	: Insoluble in water.	**Melting Point**	: 55-65°C
Specific Gravity	: Not available		
Vapor Density (Air=1)	: No available	**Evaporation Rate (BuAc=1)**	: Not available
Vapor Pressure (mm Hg)	: No available	**Flammable Limits**	: Not available (LEL) : Not available (UEL)

10. STABILITY AND REACTIVITY

Stability	Stable
Incompatibility	Strong oxidizers or reducing agents.
Hazardous Decomposition Products	Dust from machining could contain ingredients listed in Section 3 and other, potentially more hazardous components of the base material being machined or coatings applied to the base material. Combustion will form oxides of carbon and smoke.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion	None expected under normal use conditions. Swallowing large pieces may cause obstruction of the gastrointestinal tract.
Inhalation	Dust may cause respiratory irritation.
Eye	Dust may cause eye irritation. Dust particles or filings may cause abrasive injury to the eyes.
Skin	None expected under normal use conditions. Rubbing blades across the skin may cause mechanical irritation or abrasions.
Sensitization	Not expected to cause sensitization.
Chronic	Long-term overexposure to dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Chronic effects may be aggravated by smoking. Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being machined. Most of the dust generated during processing if from the base material being processed and the potential hazard from this exposure must be evaluated.
Carcinogenicity	None of the components is listed as a carcinogen or potential carcinogen by OSHA, NTP, ACGIH, or IARC.
Medical Conditions Aggravated by Exposure	Employees with pre-existing respiratory disease may be at risk from exposure.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product. Dust generated may be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:

Proper Shipping Name	Not Regulated
UN Number	None
Hazard Class/Packing Group	None
Labels Required	None

15. REGULATORY INFORMATION

Safety Phrase	S2 Keep out of reach of children S22 Do not breathe dust S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39 Wear eye protection. S51 Use only in well ventilated areas.
Poisons Schedule	Not Scheduled
Packaging & Labelling	This product is not classified as a Schedule 5 Poison because it is a semi-solid preparation.

16. OTHER INFORMATION

NFPA Hazard Rating

Health	1
Fire	0
Reactivity	0

Disclaimer:

The information in this document relates only to the specific material designated and may not be valid for such material used in combination with other materials or in any process. Such information is to the best knowledge of Polyshine Pty Ltd, and is believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy him or herself as to the suitability and completeness of such information for their own particular use.

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