PPS INDUSTRIES LIMITED

Material Safety Data Sheet

1 Identification of substance:

- **Product name:PPS Hyfin Polish Bar**
- Product code: 172388 172397 172404 174242
- **Manufacturer/Supplier:**
  PPS Industries Limited
  86 Hugo Johnston Drive,
  Penrose,
  Auckland, New Zealand
  P.O.Box 12-823, Penrose, Auckland 1642
  Phone: 64 9 579-1001
  Facsimile: 64 9 579-9474
  Emergency Phone: 0800 657 894 Monday to Friday 8am-4pm
  Web Site: www.ppsindustries.co.nz
- **Emergency contact detail:**
  For emergency only. During normal hours call PPS Industries office.

Organization	Location	Phone
National POSION CENTER	New Zealand	0800 647-766
Chemcall 24/7 Emergency Response Service	New Zealand	0800 243-6225

2 Hazards identification

Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Classified as a Dangerous Goods according to NZS 5433.

- **Hazard description:**Non hazardous
- **HSNO Class: Not** register hazardous

3 Composition/Data on components:

- Chemical characterization:

Description:	(CAS#)	Concentration	Hazardous
Aluminium Oxide	1344-28-1	60 - 70%	No
Parafin Wax	8002-74-2	1 - 5%	No
Pristerene Flake	57-11-4	10 - 20%	No
Coconut Oil	8001-31-8	5 - 10%	No

4 First aid measures

Inhalation:
For inhalation of powder or vapours, remove to fresh air. If breathing is difficult, get medical attention.
Ingestion:
If victim is conscious and alert, give 2 -3 glasses water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Skin Contact:

Wash thoroughly with water and soap; if irritation develops, contact a physician. In case of contact with molten material, submerge injured area in cold water. Do not attempt to remove material adhering to the skin. Get immediate medical attention.

Eye Contact:
Flush eyes with large amounts of water. Get medical attention if irritation occurs.

5 Fire fighting measures

FLAMMABLE PROPERTIES:
FLASH POINT: > 190°C
FLASH POINT METHOD: Open cup.
AUTOIGNITION TEMPERATURE: Not known.
UPPER FLAME LIMIT (Volume % in air): Not applicable.
LOWER FLAME LIMIT (Volume % in air): Not applicable.
FLAME PROPAGATION RATE (Solids): Unknown.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Melts in proximity to fires causing slippery floors and stairs. Material does not ignite readily, but will burn. Fire may produce dense smoke and irritating or poisonous gases. Run-off from fire control may cause pollution.
SPECIAL FIREFIGHTING PRECAUTIONS/INSTRUCTIONS:
Wear self-contained breathing apparatus approved and protective clothing. Watch footing on floors and stairs because of possible spreading of molten material. Use water spray to keep containers cool.

6 Accidental release measures

IN CASE OF SPILL OR OTHER RELEASES: (Always wear recommended personal protective equipment.)
Sweep up spilled material, place it in container and dispose as is described in Section 13.

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. 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 and personal protection

ENGINEERING CONTROLS:
Use adequate ventilation when handling molten material. For storage and ordinary handling, general ventilation is satisfactory.

PERSONAL PROTECTIVE EQUIPMENT:
SKIN PROTECTION:
Chemical-resistant gloves for prolonged or repeated exposure; insulated gloves with long sleeves for handling molten material.

EYE PROTECTION:
Chemical goggles around molten material.
RESPIRATORY PROTECTION:
Use an approved facemask around polishing environment.

• 9 Physical and chemical properties:

PHYSICAL STATE: Solid.
ODOUR: Characteristic waxy odour.
SPECIFIC GRAVITY: (Water = 1.0) 0.87-0.92
SOLUBILITY IN WATER: (Weight %) Negligible
pH: Not applicable.
BOILING POINT: Not applicable.
MELTING POINT: 50-90 °C
VAPOR PRESSURE: Negligible.
VAPOR DENSITY: (Air = 1.0) not applicable.
EVAPORATION RATE: Not applicable. Compared to: Not applicable.
% VOLATILES: Not applicable.
FLASH POINT: <190 °C
(Flash point method and additional flammability data are found in Section 5.)

• 10 Stability and reactivity

NORMALLY STABLE: Stable at normal conditions.
INCOMPATIBILITIES: Strong oxidising 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.
Medical Conditions Aggravated by Exposure: Employees with pre-existing respiratory disease may be at risk from exposure.
Acute Toxicity Values:
This product and its components are not acutely toxic.

• 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 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 Regulations

- **Product related hazard information:**
- **Hazard symbols:** Non hazardous
- **Certified Handler** : Not Applicable
- **Tracking** : Not Applicable

16 Other information:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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