



NATIONAL LABORATORIES
Lehn & Fink Industrial Products Division of Sterling Drug Inc.
Montvale, New Jersey 07645

EMERGENCY PHONE—24 HOURS
(201) 391-8500

CONFIDENTIAL MATERIAL DATA SHEET

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I. IDENTIFICATION

1. Trade Name **Flair® Wood and Multi-Purpose Polish**
2. Generic Description **Aerosol cleaner and polish**
3. Intended Use **For polishing wood, metal, plastic and painted surfaces**

II. APPARENT HAZARDS

(See Safety and Health
Information—Sections
V, VI and VII)

- | | Ratings* |
|------------------------|-----------------------------------------------|
| 1. Skin Irritation | <input type="text" value="2"/> |
| 2. Eye Irritation | <input type="text" value="1"/> |
| 3. Oral Toxicity | <input type="text" value="-"/> Not applicable |
| 4. Dermal Toxicity | <input type="text" value="1"/> |
| 5. Inhalation Toxicity | <input type="text" value="1"/> |

*See section "Guidelines and Definitions" 6. Is product a known strong skin sensitizer? ☐ Yes ☒ No

III. PRODUCT COMPOSITION: Does this product contain materials in the following categories? If yes, name each material and whether a major or minor portion is present (minor ingredients—less than 10% of total composition).

1. Metals or metal compounds (Including lead, mercury, arsenic, silver, beryllium, cadmium, chromium, manganese, nickel, aluminum, lithium). ☐ Yes ☒ No

2. Inorganic compounds (Including acids, alkalis, silica or silicates, cyanides, halogenated compounds, phosphates, sulfates, or asbestos) ☐ Yes ☒ No

3. Aliphatic carbon compounds (Including carbon tetrachloride, other halogenated hydrocarbons, formaldehyde, methyl alcohol, acrolein, peroxides, glycols, carbon disulfide, aldehydes, esters or ketones). ☒ Yes ☐ No

Propane-isobutane blend (Propellant) Minor
Petroleum distillate Major

4. Volatile aromatic carbon compounds, aromatic nitro or amino compounds.

☐ Yes ☒ No

5. Other materials of importance

☐ Yes ☒ No

IV. REACTIVITY DATA

1. Is material: Liquid ☐ Solid ☐ Gas ☐ Paste ☐ Powder ☐ Aerosol ☒

2. Is material flammable? ASTM 3065 Flame Extension Test

☐ Yes ☒ No

3. Flash point and method used

Bulk Product (Propellant Free) >200° F Tag Open Cup

4. Is material explosive? Pressurized container

☒ Yes ☐ No

5. Are volatile ingredients given off at room temperature?

☒ Yes ☐ No

When aerosol container actuated

6. Are volatile ingredients given off when heated during normal use?

☐ Yes ☒ No

Not normal to use

7. Is material known to react violently with other materials? If yes, explain.

☐ Yes ☒ No

V. HANDLING, STORAGE, TRANSPORTATION, AND DISPOSAL REQUIREMENTS

Caution: Keep out of reach of children. Contents under pressure. Avoid spraying in eyes. Do not puncture. Do not use near heat or open flame. Exposure to temperature above 120° F or in sun or discarding can in fire or incinerator may cause bursting.

VI. FIRST AID PROCEDURES

VII. SPECIAL PROTECTION INFORMATION

1. Ventilation

Not Applicable

2. Respiratory Protection

Not Applicable

3. Other Protective Measures

Not Applicable

VIII. LABELING

Where applicable, this product is labeled and packaged in accordance with the regulations of the following agencies.

- ☒ Department of Transportation, under the Federal Hazardous Materials Transportation Act.
- ☐ Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act.
- ☒ Consumer Products Safety Commission under the Federal Hazardous Substances Act.

The information herein is given in good faith but no warranty, express or implied, is made.

GUIDELINES and DEFINITIONS

SKIN IRRITATION: Ratings corresponding to the following definitions are derived from data obtained from the test methods as described in the 16 CFR 1500.41 and categories of toxicity as described in 16 CFR 1500.3.

1. **Practically Non-Irritating:** The undiluted product may cause mild or slight inflammation (edema and erythema skin reaction values of 0 or 1) of intact and abraded skin of rabbits following immediate, prolonged, or repeated contact during the study period. Primary Irritation Index of 0-1.9.
2. **Irritant:** The undiluted product causes inflammation (edema and erythema skin reaction values of primarily 1 and/or 2) of intact or abraded skin of rabbits following immediate, prolonged or repeated contact during the study period. Primary Irritation Index of 2-4.
3. **Primary Skin Irritant:** The undiluted product causes moderate to severe inflammation (edema and erythema skin reaction values of primarily 3 and/or 4) upon immediate, prolonged or repeated contact with the intact or abraded skin of rabbits. Primary Irritation Index of 5 or more.
4. **Corrosive:** The undiluted product causes visible destruction or irreversible alterations of the tissue structure at the site of contact on intact or abraded skin of rabbits following immediate prolonged or repeated contact.

EYE IRRITATION: Ratings corresponding to the following definitions are derived from data obtained from test methods described in the 16 CFR 1500.42 and according to the Draize Scale for scoring ocular lesions obtained from "Appraisals of the Safety of Chemicals in Food, Drugs, and Cosmetics," pp. 49-51, 1959.

1. **Slightly Irritating:** The undiluted product, when instilled into the eyes of rabbits, produces no noticeable irritation, or slight conjunctival irritation. (Average Draize score range 0.00-15.0).
2. **Mildly Irritating:** The undiluted product, when instilled into the eyes of rabbits, produces mild to moderate conjunctival irritation, mild corneal involvement with or without mild iritis. (Average Draize score range 15.1-25.0).
3. **Moderately Irritating:** The undiluted product, when instilled into the eyes of rabbits, produces moderate corneal involvement with or without severe iritis. (Average Draize score range 25.1-50.0).
4. **Strongly Irritating:** The undiluted product, when instilled into the eyes of rabbits, produces severe corneal involvement with or without severe iritis. (Average Draize score range 50.1-110.0).

ORAL TOXICITY: Ratings corresponding to the following definitions are derived from data obtained from the test methods as described in the 16 CFR 1500.40 and categories of toxicity as described in 16 CFR 1500.3.

1. **Non-Toxic:** The probable lethal dose of undiluted product to 50% of the test animals determined from ingestion studies (LD_{50}) is greater than 5 grams per kilogram of body weight.
2. **Toxic:** The probable lethal dose of undiluted product to 50% of the test animals determined from ingestion studies (LD_{50}) is greater than 50 milligrams and less than or equal to 5 grams per kilogram of body weight.
3. **Highly Toxic:** The probable lethal dose of undiluted product to 50% of the test animals determined from ingestion studies (LD_{50}) is less than or equal to 50 milligrams per kilogram of body weight.

DERMAL TOXICITY: Ratings corresponding to the following definition are derived from data obtained from the test methods as described in 16 CFR 1500.40 and categories of toxicity as described in 16 CFR 1500.3.

1. **Non-Toxic:** The probable lethal dose of undiluted product to 50% of the test animals determined from dermal toxicity studies (LD_{50}) is greater than 2 grams per kilogram of body weight.
2. **Toxic:** The probable lethal dose of undiluted product to 50% of the test animals determined from dermal toxicity studies (LD_{50}) is greater than the 200 milligrams and less than or equal to 2 grams per kilogram of body weight.
3. **Highly Toxic:** The probable lethal dose of undiluted product to 50% of the test animals determined from dermal toxicity studies (LD_{50}) is less than or equal to 200 milligrams per kilogram of body weight.

INHALATION TOXICITY: Ratings corresponding to the following definitions are derived from the categories of toxicity described in 16 CFR 1500.3.

1. **Non-Toxic:** The probable lethal concentration of the undiluted product to 50% of the test animals (LC_{50}) is greater than 200 milligrams per liter by volume when inhaled continuously for one hour or less.
2. **Toxic:** The probable lethal concentration of the undiluted product to 50% of the test animals (LC_{50}) is greater than 2 milligrams and less than or equal to 200 milligrams per liter by volume when inhaled continuously for one hour or less.
3. **Highly Toxic:** The probable lethal concentration of the undiluted product to 50% of the test animals (LC_{50}) is less than or equal to 2 milligrams per liter by volume when inhaled continuously for one hour or less.

Flair® Wood and Multi-Purpose Polish

PRODUCT DATA

CHARACTERISTIC	TEST METHOD	PHYSICAL PROPERTY/ TEST RESULT
Contents, fl. oz.		14
Pressure, psig @ 70° F		35
Spray Pattern		Foam
Delivery Rate, g/sec @ 70° F		1.5
Propellant Type		Hydrocarbon
pH, Without Propellant @ 77° F	ASTM E-70	8.0
Viscosity, Without Propellant, cps @ 77° F	Brookfield spindle #2 @ 12 rpm	<100
Abrasives		None
Water Resistance		Excellent
Residual Oiliness		Negligible
Percent Gloss Increase on Rubbed Lacquered Panel	FS-PP-553a	48
Percent Gloss Retention 24 hours @ 77° F	FS-PP-553a	96

