

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Name: FREEDOM HS
Recommended Use: Floor finish
Manufacturer: Midland Products, LLC
18600 Graphics Ct.
Tinley Park, IL 60477
Phone: 708-444-8200
Emergency Phone: 800-535-5053

SECTION 2. HAZARDS IDENTIFICATION

Classification

Eye Irritation Category 2A

GHS Label Elements

Signal word: Warning

Pictogram:



Hazard statements:
Causes serious eye irritation

Precautionary statements:

Prevention:
Wear eye protection
Wash contaminated body parts thoroughly after handling

Response:
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical attention.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Styrene/acrylic copolymer emulsion	N/A	42
Diethylene glycol ethyl ether	111-90-0	~6
Tributoxyethyl phosphate	78-51-3	~3

SECTION 4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin contact: Wash thoroughly with soap and water.

Ingestion: If swallowed, call a poison control center/doctor, if you feel unwell. Rinse mouth. Do not induce vomiting.

Inhalation: Remove person to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, give artificial respiration.

Most important symptoms/effects, delayed

Eyes: Serious eye irritant.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Foam, CO2, dry chemical, water spray

Unsuitable Extinguishing Media: No data available.

Specific hazards arising from the chemical: Material may spatter when temperature exceeds boiling point. Containers may burst in heat of fire.

Special fire-fighting procedures:

For fires involving this material, do not enter enclosed or confined fire space without protective equipment, including self-contained breathing apparatus.

Use water to cool fire-exposed containers

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with eyes and skin.

Methods for cleaning up

For small spills mop up as much as possible and flush area with water.

For large spills, soak up with absorbent. Shovel into waste containers. Flush area with water. Spilled material is slippery; use care to avoid falling.

SECTION 7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. Store at temperatures between 55 and +100°F. Store only in the original container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection and impervious gloves should be worn.
Eyewash stations and safety showers should be readily accessible.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Milky white liquid
Odor.	Acrylic
Odor threshold.	No data available
pH.	9.5
Melting point/freezing point.	No data available
Initial boiling point and boiling range.	No data available
Flash point.	None
Evaporation rate.	< 1
Flammability (solid, gas)	None
Upper/lower flammability or explosive limits	No data available.
Vapor pressure.	> 17 mm Hg @ 68° F
Vapor density.	< 1
Relative density.	1.03
Solubility(ies).	Complete
Partition coefficient: n-octanol/water.	No data available
Auto-ignition temperature.	No data available
Decomposition temperature.	No data available
Viscosity	No data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

No data available.

Hazardous decomposition products

Thermal decomposition on burning may produce CO, CO₂.

Incompatible materials

Salt solutions or acids may destabilize emulsion.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure are eyes & skin.

Eye contact

Causes serious eye irritation.

Delayed and chronic effects from short and long term exposure

No data available.

Carcinogens or suspected carcinogenic ingredients

None

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Product should be prevented from entering storm sewers and drains or contact with soil.

SECTION 14. TRANSPORT INFORMATION

DOT Classification: Buffing and Polishing Compound, NOI
Not dangerous goods for DOT, IATA, IMDG or TDG

SECTION 15. REGULATORY INFORMATION

TSCA

All components are listed.

EPA SARA Title III Section 313

This product contains the following listed chemical: Diethylene glycol ethyl ether 111-90-0.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16. OTHER INFORMATION

Prepared by Tom Jones,
Conforms to GHS standard
Rev. June 24, 2016

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.