

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: High Gloss Floor Finish
Company Name: Korex Chicago
6200 W. 51st Street
Chicago, IL 60638
Phone Number: +1 (708)458-4890
Emergency Contact: CHEMTREC +1 (800)424-9300

2. HAZARDS IDENTIFICATION

Skin Sensitization, Category 1



GHS Signal Word: **Warning**
GHS Hazard Phrases: H317 - May cause an allergic skin reaction.
GHS Precautionary Phrases: P261 - Avoid breathing mist/vapors.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment see ... on this label.
P332+313 - If skin irritation occurs, get medical advice/attention.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P362+364 - Take off contaminated clothing and wash it before reuse.
GHS Storage and Disposal Phrases: P501 - Dispose of contents and containers in accordance with local, regional, national, and international regulations.
Other Hazards: Causes mild skin irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
111-90-0	Diethylene glycol monoethyl ether	3.0 -5.0 %
NA	(Trade Secret)	1.0 -3.0 %
NA	(Trade Secret)	15.0 -20.0 %
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	1.0 -3.0 %
NA	(Trade Secret)	1.0 -3.0 %
6846-50-0	1-Isopropyl-2,2-dimethyltrimethylene diisobutyrate	1.0 -3.0 %
38714-47-5	Zinc(2+), tetraammine-, (T-4)-, carbonate (1:1)	< 1.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	First aid personnel should wear appropriate protective equipment during any rescue. If medical advice is required, show this safety data sheet to the doctor in attendance.
In Case of Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In Case of Skin Contact:	Wear protective gloves and avoid contact with skin. Wash off with soap and plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs, seek medical advice/attention.
In Case of Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
In Case of Ingestion:	Rinse mouth with water. Never give anything by mouth to an unconscious person.
Signs and Symptoms Of Exposure:	May cause allergic skin reaction. Symptoms may include itchiness, redness, rash, or hives.
Indication of any immediate medical attention and special treatment needed:	No specific treatment is known.
Note to Physician:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Point:	No data.
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Water fog, carbon dioxide, Dry chemical or appropriate foam.
Unsuitable Extinguishing Media:	None known.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary. Further information. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Flammable Properties and Hazards:	This material will not burn until the water has evaporated. Residue can burn.
Hazardous Combustion Products:	Combustion products include carbon dioxide and carbon monoxide. Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Wear appropriate protective gloves and clothing to prevent skin exposure. Spill area may be slippery.
Environmental Precautions:	Do not let product enter drains. Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.
Steps To Be Taken In Case Material Is Released Or Spilled:	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13).

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not breathe vapor or mist.
Precautions To Be Taken in Storing:	Keep container tightly closed when not in use. Keep from freezing - product stability may be affected. Store at temperatures between 1-49 degC (34-120 degF).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
111-90-0	Diethylene glycol monoethyl ether	Switzerland OEL	TWA: 50 mg/m3 STEL: 100 mg/m3 (Inhalable aerosol)	
		German AGS	TWA: 35 mg/m3 (6 ppm) STEL: 70 mg/m3 (12 ppm) (15 min) (Inhalable aerosol and vapor)	
		Germany MAK/TRK	TWA: 35 mg/m3 (6 ppm) STEL: 140 mg/m3 (24 ppm) (15min) (4x)	
		Sweden OEL	TWA: 80 mg/m3 (15 ppm) STEL: 170 mg/m3 (30 ppm) (15 min)	

Respiratory Equipment (Specify Type):	Respiratory protection should be worn where there is a potential to exceed the exposure limit requirements or guidelines. Not required under normal conditions of use with adequate ventilation.
Eye Protection:	Safety glasses with side shields, if contact is likely.
Protective Gloves:	Wear chemical resistant gloves (vinyl or nitrile). Wear chemical resistant clothing.
Other Protective Clothing:	No data available.
Engineering Controls (Ventilation etc.):	Use local exhaust ventilation or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice.
Environmental Exposure Controls:	Do not let product enter drains. Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Appearance and Odor:	Color: Milky white. Odor Threshold: liquid.
pH:	No data.
Melting Point:	No data.
Boiling Point:	No data.
Flash Point:	No data.
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure:	No data.
Vapor Density (vs. Air=1):	No data.
Specific Gravity (Water=1):	No data.
Solubility in Water:	No data.
Saturated Vapor Concentration:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	No data.
Decomposition Temperature:	No data.

Viscosity: No data.

Explosive Properties: No data available.

Information on other hazards: No data available.

10. STABILITY AND REACTIVITY

Reactivity: None known.

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: None known.

Incompatibility - Materials To Avoid: None known.

Hazardous Decomposition or Byproducts: Thermal decomposition may form: acrylic monomers.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None known.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Based on information for components: Acute Oral Toxicity: LD50, Rat >5,000 mg/kg
Estimated Acute Dermal Toxicity: LD50, Rabbit >5,000 mg/kg Estimated Acute Inhalation Toxicity: No information available

Irritation or Corrosion: Skin corrosion/irritation: No information available.
Based on information for components: Contact may cause mild skin irritation with local redness
Based on information for components: Contact may cause mild skin irritation with local redness

Symptoms related to Toxicological Characteristics: Symptoms may include irritation, redness, swelling, and/or itchiness of the skin, and/or hives.

Sensitization: No data available.

Chronic Toxicological Effects: Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.
Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity - single exposure:
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Mutagenicity: No information available.
Neurotoxicity: No information available.

Carcinogenicity/Other Information: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: No data available.

Results of PBT and vPvB assessment: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other adverse effects: No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.
 RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available.
UN Number:
Hazard Class: **TDG Classification:**

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
111-90-0	Diethylene glycol monoethyl ether	No	No	Yes-Cat. N230
NA	(Trade Secret)	No	No	No
NA	(Trade Secret)	No	No	No
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	No	No	Yes-Cat. N230
NA	(Trade Secret)	No	No	No
6846-50-0	1-Isopropyl-2,2-dimethyltrimethylene diisobutyrate	No	No	No
38714-47-5	Zinc(2+), tetraammine-, (T-4)-, carbonate (1:1)	No	No	Yes-Cat. N982

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-90-0	Diethylene glycol monoethyl ether	CAA HAP,ODC: HAP - Cat.; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; NC TAP: Yes - Cat.; SC TAP: Yes - Cat.
NA	(Trade Secret)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; NC TAP: No; SC TAP: No
NA	(Trade Secret)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; NC TAP:

SAFETY DATA SHEET

High Gloss Floor Finish

78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	No; SC TAP: No
NA	(Trade Secret)	CAA HAP,ODC: HAP - Cat.; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR, 8D TERM; NC TAP: Yes - Cat.; SC TAP: Yes - Cat.
6846-50-0	1-Isopropyl-2,2-dimethyltrimethylene diisobutyrate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; NC TAP: No; SC TAP: No
38714-47-5	Zinc(2+), tetraammine-, (T-4)-, carbonate (1:1)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; NC TAP: No; SC TAP: No
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
111-90-0	Diethylene glycol monoethyl ether	Mexico INSQ: Yes; REACH: Yes - (P), 01-2119475105-42: Full
NA	(Trade Secret)	Mexico INSQ: No; REACH: No
NA	(Trade Secret)	Mexico INSQ: No; REACH: No
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	Mexico INSQ: Yes; REACH: Yes - (P), 01-2119485835-23: Full
NA	(Trade Secret)	Mexico INSQ: No; REACH: No
6846-50-0	1-Isopropyl-2,2-dimethyltrimethylene diisobutyrate	Mexico INSQ: Yes; REACH: Yes - (P), 01-2119451093-47: Full
38714-47-5	Zinc(2+), tetraammine-, (T-4)-, carbonate (1:1)	Mexico INSQ: No; REACH: Yes - (P), 01-2120760626-49: Intermediate

16. OTHER INFORMATION

Revision Date: 05/06/2024

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer: