Safety Data Sheet

according to OSHA HCS 2012 (CFR 29 1910.1200)

Printing date: 10/28/2015 *Revised on: 10/28/2015*

1 Identification

· **Product identifier:**

· **Product Name:** High Speed Floor Finish

· **Product Number:** 197-4325

· **Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.

· **Manufacturer/Supplier:**
Harrison Paint Company
1329 Harrison Ave SW
Canton, OH 44706
USA

· **Information telephone number:** 330-455-5125

· **Emergency telephone number:** 330-455-5125

2 Hazard identification

· **Classification of the substance or mixture:**

Repr. 1B H360 May damage fertility or the unborn child.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**
2-(2-methoxyethoxy)ethanol

· **Hazard statements:**
May damage fertility or the unborn child.

· **Precautionary statements:**
Wear protective gloves/protective clothing/eye protection/face protection.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 1
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 1
Reactivity = 0

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· **Other hazards:**
· **Results of PBT and vPvB assessment:**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixture**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Hazardous components:**		
111-77-3	2-(2-methoxyethoxy)ethanol	2.5-<5%
872-50-4	N-methyl-2-pyrrolidone	0.1-≤0.5%

4 First-aid measures:

· **Description of first aid measures:**
· **For inhalation:** Supply fresh air; consult doctor in case of complaints.
· **For skin contact:** Generally the product does not irritate the skin.
· **For eye contact:** Rinse opened eye for several minutes under running water.
· **For swallowing:**
Do not induce vomiting; immediately call for medical help.
A person vomiting while lying on their back should be turned onto their side.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-fighting measures:

· **Extinguishing media:**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture:** No further relevant information available.
· **Advice for firefighters:**
· **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures:

· **Personal precautions, protective equipment and emergency procedures:** Not required.
· **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, universal binder or other inert absorbent).
· **Reference to other sections:**
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage:

· **Handling:**
· **Precautions for safe handling:** No special precautions are necessary if used correctly.
· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities:**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
· **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection:

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters:**

· **Components with limit values that require monitoring at the workplace:**	
872-50-4 N-methyl-2-pyrrolidone	
WEEL	Long-term value: 10 ppm Skin

· **Ingredients with biological limit values:**	
872-50-4 N-methyl-2-pyrrolidone	
BEI	100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls:**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Wash hands before eating, smoking, using the restroom and at the end of the workday.
· **Breathing equipment:**
In case of brief exposure or low concentrations, use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves:**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **Information on basic physical and chemical properties:**	
· **General Information:**	
· **Appearance:**	
Form:	Liquid
Color:	Clear
· **Odor:**	Mild
· **Odour threshold:**	Not determined.
· **pH-value at 20 °C (68 °F):**	8.6
· **Change in condition:**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 100 °C (> 212 °F)
· **Flash point:**	> 94 °C (> 201 °F)
· **Flammability (solid, gaseous):**	Not applicable.
· **Ignition temperature:**	
Decomposition temperature:	Not determined.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure at 20 °C (68 °F):**	23 hPa (17 mm Hg)
· **Density at 20 °C (68 °F):**	1.038 g/cm³ (8.662 lbs/gal)
· **Relative density:**	Not determined.
· **Vapour density:**	Heavier than air.
· **Evaporation rate:**	Slower than ether.
· **Solubility in / Miscibility with:**	
Water:	Fully miscible.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	4.0 %
Water:	70.9 %
VOC content:	4.0 % <180 g/l

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Solids content:	25.1 %
· **Other information:**	No further relevant information available.

10 Stability and reactivity

· **Reactivity:**
· **Chemical stability:**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions:** No dangerous reactions known.
· **Conditions to avoid:** Do not store or use near sparks, flame, or other ignition sources.
· **Incompatible materials:** Strong acids and alkalis, bleach, strong oxidizers.
· **Hazardous decomposition products:**
Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons.

11 Toxicological information

· **Information on toxicological effects:**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

111-77-3 2-(2-methoxyethoxy)ethanol

Oral	LD50	5500 mg/kg (rat)
Dermal	LD50	6540 mg/kg (rabbit)

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**
None of the ingredients is listed.

· **NTP (National Toxicology Program):**
None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients is listed.

12 Ecological information

· **Toxicity:**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability:** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential:** No further relevant information available.
· **Mobility in soil:** No further relevant information available.

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· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Results of PBT and vPvB assessment:**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects:** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods:**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information:

· **UN-Number:**	
· **DOT, IMDG, IATA**	Not Regulated
· **UN proper shipping name:**	
· **DOT, IMDG, IATA**	Not Regulated
· **Transport hazard class(es):**	
· **DOT, IMDG, IATA**	
· **Class**	Not Regulated
· **Packing group:**	
· **DOT, IMDG, IATA**	Not Regulated
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Special precautions for user:**	Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**	Not applicable.
· **UN "Model Regulation":**	-

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
· **SARA:**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

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· **Section 313 (Specific toxic chemical listings):**

111-77-3	2-(2-methoxyethoxy)ethanol
872-50-4	N-methyl-2-pyrrolidone

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65:**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

872-50-4	N-methyl-2-pyrrolidone

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**
2-(2-methoxyethoxy)ethanol

· **Hazard statements:**
May damage fertility or the unborn child.

· **Precautionary statements:**
Wear protective gloves/protective clothing/eye protection/face protection.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Laboratory
· **Contact:** Laboratory Manager
· **Date of preparation / last revision:** 10/28/2015 / -
· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Repr. 1B: Reproductive toxicity, Hazard Category 1B