

SAFETY DATA SHEET

HIGH BUILD

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Product name : HIGH BUILD
Product no. : 00285

Use of the substance/preparation : Floor finish.

Company/undertaking identification

Manufacturer : Essential Industries, Inc.
P.O. Box 12
28391 Essential Rd.
Merton, WI 53056-0012 USA

Supplier : Essential Industries, Inc.
P.O. Box 12
28391 Essential Rd.
Merton, WI 53056-0012
United States

Emergency telephone number : 001-262-821-7814

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	%	EC number	Classification
dipropylene glycol methyl ether	34590-94-8	1 - 5	252-104-2	Not classified.
See section 16 for the full text of the R-phrases declared above				

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

Additional hazards : None identified.

See section 11 for more detailed information on health effects and symptoms.

4. First aid measures

First aid measures

Inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

HIGH BUILD

- Ingestion** : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Specific treatments** : None identified.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- Special exposure hazards** : No specific hazard.
Not available.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon oxides (CO, CO₂), phosphates.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions and clean-up methods** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. Exposure controls/personal protection

HIGH BUILD

Ingredient name

dipropylene glycol methyl ether

Occupational exposure limits

EU OEL (Europe, 2000). Skin Notes: Indicative

TWA: 308 mg/m³ 8 hour(s). Form: All forms

TWA: 50 ppm 8 hour(s). Form: All forms

Recommended monitoring procedures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Exposure controls

Occupational exposure controls : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9. Physical and chemical properties

General information

Appearance

Physical state : Liquid.

Color : White.

Odor : Bland.

Important health, safety and environmental information

pH : 8.2-8.6

Boiling point : Lowest known value: 100°C (212°F) (water). Weighted average: 108.31°C (227°F)

Melting point : May start to solidify at the following temperature: 0°C (32°F) This is based on data for the following ingredient: water. Weighted average: -6.35°C (20.6°F)

Flash point : > 200 F

Flammability (solid, gas) : Not applicable.

Explosive properties : Risk of explosion of the product in the presence of mechanical impact: Not available. Risk of explosion of the product in the presence of static discharge: Not available.

Oxidizing properties : Not available.

Relative density : Weighted average: 1 g/cm³

Solubility : Easily soluble in the following materials: cold water, hot water, methanol, acetone.

Octanol/water partition coefficient : Not determined.

Viscosity : Not determined.

Vapor density : Highest known value: 5.11 (Air = 1) (dipropylene glycol methyl ether). Weighted average: 4.83 (Air = 1)

Evaporation rate (butyl acetate = 1) : Highest known value: 0.36 (water) Weighted average: 0.33 compared with Butyl acetate.

Other information

Auto-ignition temperature : Lowest known value: 204.49°C (400.1°F) (ethanol, 2-(2-ethoxyethoxy)-).

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to avoid** : None identified.
- Materials to avoid** : Not considered to be reactive according to our database.
- Hazardous decomposition products** : Decomposition products may include the following materials: carbon oxides (CO, CO₂), phosphates.

11. Toxicological information

Potential acute health effects

- Inhalation** : Non-irritating to the respiratory system.
- Ingestion** : Irritating to mouth, throat and stomach.
- Skin contact** : May cause irritation
- Eye contact** : Moderately irritating to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
dipropylene glycol methyl ether	LD50	7500 mg/kg	Oral	Dog

- Carcinogenicity** : No carcinogenic effect known.
- Mutagenicity** : No mutagenic effect.
- Reproductive toxicity** : No teratogenic effect.

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Target organs** : Contains material which causes damage to the following organs: upper respiratory tract, central nervous system (CNS), eye, lens or cornea.
- Other adverse effects** : Not available.

12. Ecological information

- Mobility** : Not available.
- Other adverse effects** : No known significant effects or critical hazards.

13. Disposal considerations

- Methods of disposal** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
- Waste classification** : Not applicable.
- European waste catalogue (EWC)** : Not available.
- Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. Transport information**International transport regulations**

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-		-
ADNR Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

15. Regulatory information**EU regulations**

Hazard symbol or symbols :



Risk phrases : This product is not classified according to EU legislation.

Product use : Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.
- Consumer applications.

Additional warning phrases : Safety Data Sheet available for professional user on request.

EU statistical classification (Tariff Code) : 32089091

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Europe : Not applicable.

Full text of classifications referred to in sections 2 and 3 - Europe : Not applicable.

Training advice : Not applicable.

Further information : Not applicable.

Key data sources : Not applicable.

Revision comments : Not available.

History

Date of printing : 4/24/2008.

Date of issue : 4/24/2008.

Date of previous issue : 3/3/2006.

Version : 6

Prepared by : Not available.

Notice to reader

HIGH BUILD

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.