



B0682-0512; B0682-4312

Material Safety Data Sheet

This MSDS is prepared in accordance with US OSHA 1910.1200 Requirements, ANSI 16 Section Format Requirements, Canadian WHMIS requirements.

	Class D-2B: Material causing other toxic effects (TOXIC).	HCS Class: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS
Section 1. Chemical Product and Company Identification		
Product Name/ Trade name	Hydrolin Plus Gloss	Code B0682
Synonym	Not available.	CAS # Mixture.
Chemical Family	Paint.	Validation Date 8/20/2008
Chemical Formula	Not applicable.	Print Date 8/20/2008
Manufacturer/ Supplier	Basic Coatings 1001 Brown Avenue Toledo, Ohio (800) 247-5471	In Case of Emergency CHEMTREC (800) 424-9300
TSCA	TSCA Inventory: All components listed or are exempt from listing.	Protective Clothing 
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS	

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Urethane/Acrylic Dispersion	N/A	20 - 40	Not available.	Not available.
Acrylic Copolymer	NJTSR# 71-091799	20 - 40	Not available.	Not available.
N-Methyl-2-Pyrrolidone	872-50-4	5 - 10	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Irritating to eyes and skin. Over exposure by inhalation May cause headache, dizziness and nausea.
Potential Chronic Health Effects	May aggravate existing respiratory conditions.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Seek immediate medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Ingestion	Contact a poison control center immediately for treatment advice. Do not induce vomiting unless instructed to do so by poison control center or doctor. Take small sips of water if able to swallow. Do not give anything by mouth to an unconscious person.
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Section 5. Fire Fighting Measures

Products of Combustion	carbon oxides (CO, CO ₂) nitrogen oxides (NO, NO ₂ ...)
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards	Combustible when exposed to heat or flame.
Special Remarks on Explosion Hazards	No additional remark.


Section 6. Accidental Release Measures

Small Spill and Leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill and Leak	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Vapor respirator.

Section 7. Handling and Storage

Precautions	Keep away from heat. Do not ingest. Avoid contact with skin and eyes. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from incompatibles such as oxidizing agents, acids, alkalis.
Incompatibility	Highly reactive with oxidizing agents, acids. Reactive with alkalis.
Storage	Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Keep away from direct sunlight or strong incandescent light.

Section 8. Exposure Controls/Personal Protection

Engineering 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 proximal to the work-station location.
Personal Protection	<p><i>Eyes</i> Splash goggles.</p> <p><i>Body</i> Long Sleeves and pants to avoid skin contact.</p> <p><i>Respiratory</i> Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.</p> <p><i>Hands</i> Gloves.</p>
Protective Clothing (Pictograms)	
Exposure Limits	See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Amine like.
Molecular Weight	Not applicable.	Taste	Not available.
pH	Not available.	Color	Amber.
Boiling/Condensation Point	153.33°C (308°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.0416 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Volatility	Not available.		
VOC	Not available.		
Evaporation Rate	>1 compared to Butyl acetate.		
Dispersion Properties	See solubility in water.		
Solubility	Partially soluble in cold water, hot water.		
The Product is:	Combustible.		
Auto-ignition Temperature	Not available.		
Flash Points	Closed cup: >65.556°C (150°F).		
Flammable Limits	Not available.		
Fire Hazards in Presence of Various Substances	Not available.		
Explosion Hazards in Presence of Various Substances	Containers may explode when heated		

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Highly reactive with oxidizing agents, acids. Reactive with alkalis.
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals LD50: Not available.
LC50: Not available.

Acute Effects on Humans

Eyes May cause severe eye irritation.

Skin Irritating to skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. May cause skin sensitization.

Inhalation Hazardous in case of inhalation. Irritating to respiratory system. Causes sensitization by inhalation.

Ingestion Hazardous in case of ingestion. Irritating to mouth, throat and stomach.

Chronic Effects on Humans Severely irritating to the eyes. May aggravate existing skin conditions. May cause sensitization by skin contact. May aggravate existing respiratory conditions. May cause sensitization by inhalation.

Special Remarks on Toxicity to Animals Not available.

Special Remarks on Chronic Effects on Humans Not available.

Section 12. Ecological Information

Ecotoxicity Not available.

BOD5 and COD Not available.

Products of Biodegradation Not available.

Toxicity of the Products of Biodegradation Not available.

Special Remarks on the Products of Biodegradation Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Not available.

Section 14. Transport Information

**DOT (U.S.A)
(Pictograms)**



TDG Classification Not Regulated.



PIN UN, Proper Shipping Name, PG Not available.

Maritime Transportation Not available.

Special Provisions for Transport Not available.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-2B: Material causing other toxic effects (TOXIC).



Regulatory Lists No products were found.

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

HCS (U.S.A.)	HCS Class: Irritating substance, HCS Class: Combustible liquid IIIA having a flash point between 60.0°C (140°F) and 93.3°C (200°F).
USA Regulatory Lists	No products were found. California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, which would require a warning under the statute: 2-Methylaziridine. SARA 302/304/311/312 hazardous chemicals: 2-Propoxyethanol SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 2-Propoxyethanol: Fire hazard, Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard SARA 313 toxic chemical notification and release reporting: 2-Propoxyethanol 19.4% CERCLA: Hazardous substances.: 2-Propoxyethanol;
DSD (EEC)	This product is not classified according to the EU regulations.
International Regulations Lists	No products were found.

Hazardous Material Information System (U.S.A.)

	3	National Fire Protection Association (U.S.A.)
Flammability	2	
Physical Hazard	1	



Specific Hazard

The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Validated by LMorsch on 10/21/2008.

Verified by LMorsch.
Printed 10/21/2008.

Information Contact Basic Coatings
1001 Brown Avenue
Toledo, Ohio
(800) 247-5471

Notice to Reader

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.

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