

This MSDS is prepared in accordance with OSHA 1910.1200, Canadian WHMIS, and ANSI .

	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	Hydroline Plus Gloss	Code	B0682
Synonym	Not available.	CAS #	Mixture.
Chemical Family	Paint.	Validation Date	10/20/2008
Chemical Formula	Not applicable.	Print Date	10/20/2008
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.		
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS		
		Protective Clothing	

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.

Section 5. Fire Fighting Measures

Products of Combustion Not available.

Fire Fighting Media and Instructions SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water , fog or foam. Do not use water jet.

Special Remarks on Fire Hazards Not available.

Special Remarks on Explosion Hazards Not available.

Section 6. Accidental Release Measures

Small Spill and Leak Absorb with an inert material and place in an appropriate waste disposal container.

Large Spill and Leak Absorb with DRY earth, sand or other non-combustible material. Do not allow any potentially contaminated water including rain water, runoff from fire fighting or spills to enter any waterway, sewer or drain.

Personal Protection in Case of a Large Spill Splash goggles. Gloves. Light protective clothing. Boots. Wear appropriate respirator when ventilation is inadequate.

Section 7. Handling and Storage

Precautions Keep away from heat. Do not breathe gas/fumes/ vapor/spray. Do not ingest. If ingested, seek medical advice immediately and show the container or the label.

Incompatibility alkalis oxidizing agents

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

Eyes Safety glasses.

Body No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands Impervious gloves.

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Odor Characteristic.

Molecular Weight Not applicable.

Taste Not available.

pH Not available.

Color White.

Boiling/Condensation Point The lowest known value is 100°C (212°F) (Water).

Melting/Freezing Point May start to solidify at 0°C (32°F) based on data for: Water.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1.0272 (Water = 1)

Vapor Pressure	Not available.
Vapor Density	>1 (Air = 1)
Volatility	Not available.
VOC	271 (g/l).
Evaporation Rate	<1 compared to Butyl acetate.
Dispersion Properties	See solubility in water.
Solubility	Miscible in water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	Closed cup: >176.67°C (350°F). (Setaflash.)
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Not available.

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	alkalis oxidizing agents
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	<p><i>Eyes</i> Irritating to eyes.</p> <p><i>Skin</i> Irritation of the product in case of skin contact: Not available. Sensitization of the product: Not available.</p> <p><i>Inhalation</i> May cause, headache, dizziness, and nausea</p> <p><i>Ingestion</i> nausea, Vomiting</p>
Chronic Effects on Humans	May aggravate existing respiratory conditions.
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.

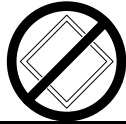
Section 13. Disposal Considerations

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 a TDG controlled material.



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not available.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) Class D-2B: Material causing other toxic effects (TOXIC).



Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

HCS (U.S.A.)

HCS Class: Irritating substance.

USA Regulatory Lists

WARNING: This product contains chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Benzene; Hydrazine; Ethylbenzene; N-Methyl-2-Pyrrolidone
WARNING: This product contains chemical(s) known to the state of California to cause birth defects or other reproductive harm.: N-Methyl-2-Pyrrolidone
WARNING: This product contains chemical(s) known to the state of California to cause cancer.: Benzene; Ethylbenzene
Massachusetts RTK: Benzene

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: N-Methyl-2-Pyrrolidone
 SARA 313 toxic chemical notification and release reporting: N-Methyl-2-Pyrrolidone 6.6%

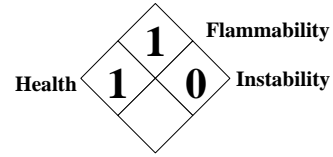
DSD (EEC) This product is not classified according to the EU regulations.

International Regulations Lists No products were found.

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

Health	1
Flammability	1
Physical Hazard	0

National Fire Protection Association (U.S.A.)



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. **Specific Hazard**

Section 16. Other Information

Validated by LMorsch on 10/20/2008.

Verified by LMorsch.
 Printed 10/20/2008.

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.

Validated on 10/20/2008.

Hydroline Plus Gloss

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This MSDS is prepared in accordance with OSHA 1910.1200, Canadian WHMIS, and ANSI .

	<p>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).</p>	<p>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).</p>
WHMIS (Pictograms)	WHMIS (Classification)	HCS

Section 1. Chemical Product and Company Identification

Product Name/ Trade name XL Catalyst	Code B0662
Synonym Not available.	CAS # Mixture.
Chemical Family Not available.	Validation Date 10/21/2008
Chemical Formula Not applicable.	Print Date 10/21/2008
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.	<div style="text-align: center;"> Protective Clothing </div>
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
Polyfunctional Aziridine 2-Propoxyethanol	64265-57-2 2807-30-9	50 - 100 10 - 25	Not available. ACGIH TLV (United States). Skin TWA: 25 ppm 8 hour(s).	Not available. Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	May cause severe eye irritation. Skin irritation. May cause skin sensitization. Harmful if swallowed. Irritating to mouth, throat and stomach.
Potential Chronic Health Effects	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.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. Mutagenic in test systems.

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. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

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	<p><i>Eyes</i> May cause severe eye irritation.</p> <p><i>Skin</i> Irritating to skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. May cause skin sensitization.</p> <p><i>Inhalation</i> Hazardous in case of inhalation. Irritating to respiratory system. Causes sensitization by inhalation.</p> <p><i>Ingestion</i> Hazardous in case of ingestion. Irritating to mouth, throat and stomach.</p>
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

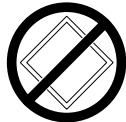
Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	Not available.

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;

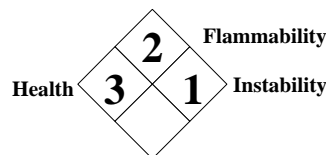
DSD (EEC) This product is not classified according to the EU regulations.

International Regulations Lists No products were found.

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

Health	*	3
Flammability		2
Physical Hazard		1

National Fire Protection Association (U.S.A.)



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Section 16. Other Information

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