Material Safety Data Sheet

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

	**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).**	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).
WHMIS (Pictograms)	**WHMIS (Classification)**	**HCS**

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	**2X Catalyst**
Synonym	Not available.
Chemical Family	Not available.
Chemical Formula	Not applicable.
Manufacturer/ Supplier	Basic Coatings 1001 Brown Avenue Toledo, Ohio (800) 247-5471
TSCA	**TSCA Inventory: All components listed or are exempt from listing.**
DSL/ NDSL	**All components listed unless noted elsewhere on this MSDS**

Code	B0666
CAS #	Mixture.
Validation Date	**10/16/2008**
Print Date	10/16/2008
In Case of Emergency	CHEMTREC (800) 424-9300

Protective Clothing

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 adivce. Do not induce vomiting unless instructed to do so be poison control center or doctor. Take small sips of water if able to swallow. Do not give anything to by mouth to an unconscious person.

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.

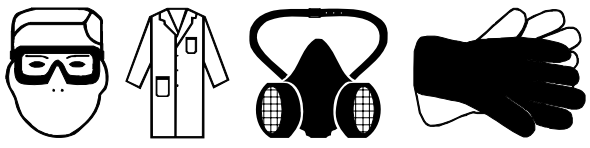
Section 6. Accidental Release Measures

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	
Eyes	Splash goggles.
Body	Long Sleeves and pants to avoid skin contact.
Respiratory	Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
Hands	Gloves.
Protective Clothing (Pictograms)	
Exposure Limits	See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Molecular Weight	Not applicable.
pH	Not available.

Odor	Amine like.
Taste	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

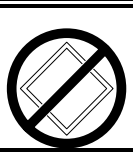
Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	Not available.

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.

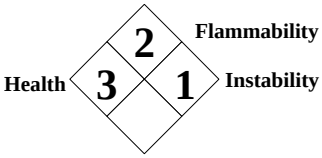
Section 15. Other Regulatory Information and Pictograms

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 25% 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.)



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 10/16/2008.

Verified by LMorsch.

Printed 10/16/2008.

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

Notice to Reade

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