

\_ M A T E R I A L   S A F E T Y   D A T A   S H E E T \_

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : HYDROLINE SATIN  
IDENTIFICATION NUMBER: 4X0310 DATE PRINTED: 09/07/01  
PRODUCT USE/CLASS : Urethane/Acrylic Coating

Basic Coatings, Inc.  
2124 Valley Drive  
P.O. Box 677  
Des Moines, IA 50303

EMERGENCY TELEPHONE: 800/424-9300  
24 Hours

PREPARER: L Morsch, PHONE: 800/247-5471, PREPARE DATE: 12/28/00

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % IN RANGE
01	N-METHYL-2-PYRROLIDONE	872-50-4	5 - 10 %
02	DIETHYLENE GLYCOL ETHYL ETHER	111-90-0	1 - 5 %

ITEM	EXPOSURE LIMITS				COMPANY TLV-TWA	SKIN
	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING		
01	N.E.	N.E.	100 ppm	N.E.	N.E.	NO
02	NE	NE	NE	NE	NE	NO

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

\*\*\* EMERGENCY OVERVIEW \*\*\*: Causes eye irritation.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating to the eyes. May aggravate pre-existing eye disorders.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes drying of the skin. May aggravate pre-existing skin disorders.

EFFECTS OF OVEREXPOSURE - INHALATION: Excessive inhalation of vapor may cause headache, dizziness and nausea. May aggravate pre-existing lung disorders.

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SECTION 3 - HAZARDS IDENTIFICATION

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EFFECTS OF OVEREXPOSURE - INGESTION: No Information.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION  
INGESTION EYE CONTACT

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SECTION 4 - FIRST AID MEASURES

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FIRST AID - EYE CONTACT: Flush with plenty of water for 15 minutes and call a physician.

FIRST AID - SKIN CONTACT: Wash with soap and water. Apply moisturizing skin cream.

FIRST AID - INHALATION: If overcome by vapors, remove to fresh air. Treat symptomatically and call a physician.

FIRST AID - INGESTION: Consult a physician.

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SECTION 5 - FIRE FIGHTING MEASURES

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FLASH POINT: 300 F  
(PENSKY-MARTENS C.C.)

AUTOIGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode due to build up of steam pressure when exposed to extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: None.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill, ventilate area, collect for disposal.

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SECTION 7 - HANDLING AND STORAGE

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HANDLING: For industry use only. Keep out of reach of children.

STORAGE: Do not store above 120F. Keep containers closed and upright.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

RESPIRATORY PROTECTION: Not normally needed.

SKIN PROTECTION: Rubber gloves.

EYE PROTECTION: Wear splash goggles.

OTHER PROTECTIVE EQUIPMENT: Eye bath.

HYGIENIC PRACTICES: Wash hands before eating or smoking. Follow all MSDS/label precautions even after container is emptied because container may retain product residues.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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BOILING RANGE	: 379 - 389 F	VAPOR DENSITY	: Is heavier than air
ODOR	: Latex	ODOR THRESHOLD	: NA
APPEARANCE	: Milky-white	EVAPORATION RATE:	Is slower than Butyl Acetate
SOLUBILITY IN H2O	: Miscible	SPECIFIC GRAVITY:	1.0428
FREEZE POINT	: NA	pH @ 0.0 %	: NA
VAPOR PRESSURE	: NA	VISCOSITY	: NA
PHYSICAL STATE	: Liquid		
COEFFICIENT OF WATER/OIL DISTRIBUTION: NA			

(See Section 16 for abbreviation legend)

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SECTION 10 - STABILITY AND REACTIVITY

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CONDITIONS TO AVOID: None.

INCOMPATIBILITY: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES

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No product or component toxicological information is available.

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SECTION 12 - ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: No Information.

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SECTION 13 - DISPOSAL CONSIDERATIONS

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DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations. WARNING: Do not incinerate closed containers.

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SECTION 14 - TRANSPORTATION INFORMATION

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DOT PROPER SHIPPING NAME: Paint

DOT TECHNICAL NAME: Not Regulated

DOT HAZARD CLASS: HAZARD SUBCLASS:

DOT UN/NA NUMBER: PACKING GROUP: RESP. GUIDE PAGE:

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SECTION 15 - REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS: AS FOLLOWS -

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

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	MAX WT/WT %
N-Methyl-2-Pyrrolidone	872-50-4	9.0 %
Diethylene Glycol ethyl Ether	111-90-0	1.5 %

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
No information is available.	

U.S. STATE REGULATIONS: AS FOLLOWS -

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SECTION 15 - REGULATORY INFORMATION

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----- CHEMICAL NAME ----- CAS NUMBER

## NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
Water	7732-18-5
WB Urethane	N/A
WB Urethane	N/A
WB Acrylic	N/A

## PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Water	7732-18-5
WB Urethane	N/A
WB Urethane	N/A
WB Acrylic	N/A

## CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME -----	CAS NUMBER
N-Methyl-2-Pyrrolidone	872-50-4
Toluene	108-88-3
Hydrazine	302-01-2
Benzene	71-43-2

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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SECTION 16 - OTHER INFORMATION

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HMIS RATINGS - HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 12/02/99

LEGEND: NA,N/A - Not Applicable, NE,N.E. - Not Established,  
N.D. - Not Determined

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NOTICE

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The information contained herein is based on the data available to us and is believed to be correct. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Because the end-use of this product is beyond the control of this corporation, we assume no responsibility for that end-use or injury from the use of the product described herein. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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<END OF MSDS>