

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

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME : EMULSION SUPER MATTE  
IDENTIFICATION NUMBER: 4X2617                      DATE PRINTED: 03/15/05  
PRODUCT USE/CLASS : Floor Finish

Basic Coatings  
2124 George Flagg Parkway  
P.O. Box 677  
Des Moines, IA 50303

EMERGENCY TELEPHONE: 800/424-9300  
24 Hours

PREPARER: LMorsch, PHONE: 800/247-5471, PREPARE DATE: 01/07/05

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % IN RANGE
01	N-METHYL-2-PYRROLIDONE	872-50-4	5 - 10 %
02	DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1 - 5 %
03	DIMETHYLETHANOLAMINE	108-01-0	1 - 5 %

----- EXPOSURE LIMITS -----

ITEM	ACGIH		OSHA		COMPANY	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	N.E.	N.E.	100 ppm	N.E.	N.E.	NO
02	100	150	100	NE	NE	NO
03	5 ppm	25 ppm	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

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\*\*\* 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

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SECTION 3 - HAZARDS IDENTIFICATION

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cause headache, dizziness and nausea. May aggravate pre-existing lung disorders.

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:  $\geq 350$  F  
(SETAFLASH CLOSED CUP)

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.

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SECTION 7 - HANDLING AND STORAGE

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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	: 273 - 379 F	VAPOR DENSITY	: Is heavier than air
ODOR	: Mild	ODOR THRESHOLD	: NA
APPEARANCE	: Ivory	EVAPORATION RATE	: Is faster than Butyl Acetate
SOLUBILITY IN H2O	: Soluble	SPECIFIC GRAVITY	: 1.0534
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 11 - TOXICOLOGICAL PROPERTIES

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Paint

DOT TECHNICAL NAME: Not Regulated

DOT HAZARD CLASS: HAZARD SUBCLASS:

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

SECTION 15 - REGULATORY INFORMATION

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 CHRONIC 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	6.0 %

TOXIC SUBSTANCES CONTROL ACT:

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SECTION 15 - REGULATORY INFORMATION

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## 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 -

## 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  
Polyurethane Dispersion NA  
Amorphous Silica 112945-52-5

## 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  
Polyurethane Dispersion NA

## 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  
Hydrazine 302-01-2

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: 1      REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 01/30/04

REASON FOR REVISION:

(Continued on Page 6)

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SECTION 16 - OTHER INFORMATION

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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.