



## Material Safety Data Sheet

### Naf's No-Bleed Line/Logo Paint

Effective 01/01/2011

#### \*\*\*Section 1 – Chemical Product and Company\*\*\*

C.I. Name: Colored Pigment Dispersion Blend  
C.I. Number: N/A  
Product Use: Ice Paint  
Synonyms: Blue Line, Red Line, Goal Crease and various colored paints

#### \*\*\*Section 2 – Composition / Information on Ingredients\*\*\*

CAS #	Component	Percent
1336-21-6	Aqua ammonia	<=0.2%
Not Hazardous	Copolymer Resin(s)	30-70%
Not Hazardous	Acrylic polymer(s)	10 – 20%
Not Required	Residual monomers	< 500.0 PPM

#### \*\*\*Section 3 – Hazards Identification\*\*\*

##### Emergency Overview

This product is irritating to the eyes, respiratory system and skin.

##### Potential Health Effects: Eyes

Direct contact with material can cause slight irritation.

##### Potential Health Effects: Skin

Prolonged or repeated skin contact can cause slight irritation.

##### Potential Health Effects: Ingestion

Unknown

##### Potential Health Effects: Inhalation

Inhalation of vapor or mist can cause irritation of nose, throat, and lungs, headache, nausea.

##### Medical Conditions Aggravated by Exposure

Pre-existing respiratory, skin and eye diseases.

##### Potential Environmental Effects

No known environmental effects.

##### HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic Hazard

**Material Safety Data Sheet (continued)**  
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**\*\*\*Section 4 – First Aid Measures\*\*\***

**First Aid: Eyes**

Rinse with plenty of water. If eye irritation persists, consult a specialist.

**First Aid: Skin**

Wash with water and soap as a precaution. If skin irritation persists, call a physician.

**First Aid: Ingestion**

Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician if necessary.

Never give anything by mouth to an unconscious person.

**First Aid: Inhalation**

Move person to non-contaminated air.

**\*\*\*Section 5 – Fire Fighting Measures\*\*\***

**Flash Point**

Noncombustible

**Lower Explosion Limit**

Not Applicable

**Upper Explosion Limit**

Not Applicable

**Thermal Decomposition**

Thermal decomposition may yield acrylic monomers.

**Extinguishing Media**

Foam, carbon dioxide, dry powder, water spray  
(NOT TO BE USED: High volume water jet)

**Specific Hazards During Fire Fighting**

Material can splatter above 100°C/212°F. Dried product can burn

**Special Protective Equipment for Fire-Fighters**

Wear self-contained breathing apparatus and protective suit.

**\*\*\*Section 6 – Accidental Release Measures\*\*\***

**Personal Precautions**

Use personal protective equipment  
Keep people away from and upwind of spill/leak  
Material can create slippery conditions

**\*\*\*Section 7 – Handling and Storage\*\*\***

**Handling Procedures**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.  
Keep container tightly closed  
Do not breathe vapors, mist or gas

**Storage Procedures**

Store product between 34°F and 120°F. Exposure to temperatures below freezing will result in product becoming unusable  
Monomer vapors can evolve when material is heated above 120°F

**Material Safety Data Sheet (continued)**  
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**\*\*\*Section 8 – Exposure Controls / Personal Protection\*\*\***

**Exposure Guidelines**

**Component Exposure Limits**

**Aqua Ammonia**

ACGIH: 25 ppm TWA (Time Weighted Average) or 35 ppm STEL (Short Term Exposure Limit)

**Engineering Controls**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**PERSONAL PROTECTIVE EQUIPMENT**

**Personal Protective Equipment: Eyes/Face**

Safety glasses with side-shields

**Personal Protective Equipment: Skin**

Use impervious gloves

**Personal Protective Equipment: Respiratory**

None should be required

**Personal Protective Equipment: General**

Eye wash fountain and emergency showers are recommended.

**\*\*\*Section 9 – Physical & Chemical Properties\*\*\***

<b>Appearance</b>	Various colors	<b>Odor</b>	Ammonia
<b>Physical State</b>	Liquid	<b>pH</b>	9-10
<b>Vapor Pressure</b>	17.0 mmHg at 68° F (water)	<b>Vapor Density</b>	<1.0 Water
<b>Boiling Point</b>	212° F (Water)	<b>Melting Point</b>	32° F (Water)
<b>Solubility (H2O)</b>	Dilutable	<b>Relative Density</b>	1.0 1.20
<b>Flash Point</b>	Noncombustible		

**\*\*\*Section 10 – Chemical Stability & Reactivity Information\*\*\***

**Chemical Stability**

Stable under normal conditions

**Chemical Stability: Conditions to Avoid**

There are no known materials which are incompatible with this product

**Hazardous Decomposition**

Thermal decomposition may yield acrylic monomers.

**Hazardous Polymerization**

Will not occur.

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**\*\*\*Section 11 – Toxicological Information\*\*\***

No data is available for this material. The information shown is based on profiles of compositionally similar materials

<b>Acute Oral Toxicity</b>	LD50 rat > 5,000 mg/kg	<b>Acute Dermal Toxicity</b>	LD50 rabbit >5,000 mg/kg
<b>Skin Irritation</b>	Rabbit - May cause transient irritation	<b>Eye Irritation</b>	Rabbit – No eye irritation

**\*\*\*Section 12 – Ecological Information\*\*\***

There is no data available for this product

**\*\*\*Section 13 – Disposal Considerations\*\*\***

**Disposal Instructions**

If this material becomes a waste it does not meet the criteria of a hazardous waste as defined by USEPA RCRA regulations. More stringent state or local regulations may apply.

Dispose of in accordance to local/state regulations.

**\*\*\*Section 14 – Transportation Information\*\*\***

**US DOT Information**

Not regulated for transport

**IMO/IMDG**

Not regulated (Not dangerous for transport)

**\*\*\*Section 15 – Regulatory Information\*\*\***

**Workplace Classification**

This product is considered non-hazardous under the OSHA Hazard Communications Standard (29CFR1910.1200)

This product is not a “controlled product” under the Canadian Workplace Hazardous Materials Information System (WHMIS)

**SARA TITLE III: Section 311/312 Cateforizations (40CFR370)**

This product is not a hazardous chemical under 29CFT 1910.1200, and therefore is not covered by Title III of SARA

**SARA TITLE III: Section 313 Information (40CFR372)**

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

**CERCLA Information (40CFR302.4)**

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

**US Toxic Substances Control Act (TSCA)**

All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory

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**\*\*\*Section 16 – Other Information\*\*\***

**Other Information:**

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