

PAINT

ENAMEL

CRESSEY

Material Safety Data Sheet

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BASF CORPORATION
26701 TELEGRAPH ROAD

SOUTHFIELD, MI 48034
(248) 948-2010

EMERGENCY TELEPHONE: (800) 832-HELP BASF EMERGENCY RESPONSE
(800) 832-HELP (BASF Hotline)

BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS.

SECTION 1 - PRODUCT INFORMATION

E11YM080 NATIONAL SCHOOL BUS YELLOW AIR DRY ENAMEL

Product ID: NLO C15645

Common Chemical Name:

PAINT

Synonyms:

E11YM080 NATIONAL SCHOOL BUS YELLOW AIR DRY ENAMEL

Molecular Formula:

NOT AVAILABLE

Chemical Family: Paint

Molecular Wt.: NOT APPLICABLE

SECTION 2 - INGREDIENTS

Chemical Name:		CAS	Amount	
1-BUTANOL		71-36-3	19.0 - 20.0	%
ACGIH TLV	CEIL	50 PPM		
	SKIN			
OSHA PEL	TWA	100 PPM		
TOLUENE		108-88-3	0.0 - 5.0	%
ACGIH TLV	SKIN			
	TWA	50 PPM		
OSHA PEL	CEIL	300 PPM		
	STEL	500 PPM		
	TWA	200 PPM		
XYLENE		1330-20-7	0.0 - 5.0	%
ACGIH TLV	STEL	150 PPM		
	TWA	100 PPM		
STODDARD SOLVENT		8052-41-3	20.0 - 30.0	%
ACGIH TLV	TWA	100 PPM		
OSHA PEL	TWA	500 PPM		
TITANIUM DIOXIDE		13463-67-7	0.0 - 5.0	%
ACGIH TLV	TWA	10 MG/CU. M		
OSHA PEL	TWA	15 MG/CU. M		
		5 MG/CU. M		
VM&P NAPHTHA		64742-89-8	0.0 - 10.0	%
PEL/TLV NOT ESTABLISHED				

SECTION 3 - HAZARDS IDENTIFICATION (cont)

to 250 mg/m3 by inhalation. However, no effects were seen at lower airborne concentrations.

Chronic overexposure to toluene may result in liver and kidney damage. Animal studies indicate that toluene is embryotoxic and teratogenic when administered at high doses.

The chronic effects of overexposure to xylene include possible liver and kidney damage. A mixture of o, m, and p-xylenes was teratogenic and embryotoxic to mice by the oral route; however these effects were accompanied by maternal toxicity. Rats exposed to 1000 mg/m3 by inhalation exhibited no teratogenic effects; however, minor skeletal abnormalities occurred.

First Aid Procedures - Aggravated Medical Conditions:

None known.

SECTION 4 - FIRST AID MEASURES

First Aid Procedures - Skin:

Wash exposed area with water for at least 15 minutes. If dermal irritation persists, consult a physician.

First Aid Procedures - Eyes:

Irrigate with water for at least 15 minutes. Hold eyelids apart to facilitate rinsing. If irritation persists, consult a physician.

First Aid Procedures - Ingestion:

Do not induce vomiting. If conscious, give large amounts of water or milk. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

First Aid Procedures - Inhalation:

Remove to fresh air. Restore breathing. Treat symptomatically.

First Aid Procedures - Notes to Physicians:

None known.

First Aid Procedures - Aggravated Medical Conditions:

None known.

First Aid Procedures - Special Precautions:

None

Other First Aid Procedures:

Remove contaminated clothing, properly launder or destroy.

SECTION 5 - FIRE FIGHTING MEASURES

	Typical	Low/High	Deg.	Method
Flash Point:	< 72			F CALCULATED
Autoignition:	NOT AVAILABLE			
Flam. Limits:		0.9 - 22.7	%	

Extinguishing Media:

Multipurpose dry chemical type extinguisher.

Fire Fighting Procedures:

Use a self-contained breathing apparatus in order to prevent exposure to toxic vapors and/or decomposition products. Water spray may be used to keep fire exposed container cool. Wear protective clothing. Do not flood burning material with water due to potential spreading of fire. Decomposition products are irritants and/or toxic.

SECTION 5 - FIRE FIGHTING MEASURES (cont)

Unusual Hazards:

Vapors are heavier than air and may accumulate in low areas. Escaping vapors may cause flash fire and ignite explosively in the presence of an ignition source. Closed containers may explode due to pressure build-up when exposed to extreme heat. Avoid excessive heat, open flames, and sparks from electrical equipment or static discharge.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General:

Eliminate all sources of ignition. Wear protective equipment. Dike spill, collect with absorbent material, and remove to appropriately labeled waste containers. Use non-sparking tools for clean-up. Flush area with water after disposal. Avoid discharge into sewers and waterways. Contact the authorities if this event should occur. Avoid eye and dermal contact. Insure adequate ventilation.

Other Spill/Leak Procedures:

No other spill procedures necessary.

SECTION 7 - STORAGE AND HANDLING

General:

Store away from excessive heat and ignition sources. Store away from incompatible materials (See Section 10). Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Store in tightly closed containers. Do not puncture, drop (>5 inches), or slide containers. All handling equipment should be electrically grounded and explosion-proof. Wash thoroughly after handling. Open containers slowly in order to release pressure.

Other Storage and Handling Data:

For industrial use only. Empty containers may still contain hazardous residue. Do not reuse containers without commercial reconditioning. Do not apply to hot surfaces. Proper respiratory protection is required when sanding or welding coated surfaces. Protect from direct sunlight.

SECTION 8 - PERSONAL PROTECTION

Clothing:

Chemical impervious gloves, boots, and apron or smock.

Eyes:

Chemical splash goggles. A face shield should be used if splashing is possible. Contact lenses should not be worn.

Respiration:

Use only with adequate ventilation. A NIOSH/MSHA approved organic vapor chemical cartridge respirator should be used if ventilation is inadequate. Observe OSHA regulations for respirator use (29 CFR 1910.134). Particulate filters should be added during spray operations.

Ventilation:

Provide adequate room ventilation to maintain vapor concentration below an acceptable exposure level. Provide local exhaust ventilation at points of vapor emission. As required to remove solvent

SECTION 8 - PERSONAL PROTECTION (cont.)

vapors from lower levels or work areas or exposure to ignition sources. Use explosion-proof ventilation equipment.

Explosion Proofing:

Tools should be non-sparking. Exhaust fans should be explosion proof.

Other Personal Protection Data:

An eye wash and safety shower should be available.

SECTION 9 - PHYSICAL PROPERTIES

Color:	Yellow				
Form/Appearance:	Liquid				
Odor:	Solvent				
Odor Intensity:	Medium				
	Typical	Low/High	U.O.M.		
Specific Gravity:		0.8 - 1.2			
pH:	NOT AVAILABLE				
	Typical	Low/High	Deg.	°	Pressure
Boiling Pt:		200 - 398	F	760	MM HG
Freezing Pt:	NOT AVAILABLE				
Decomp. Tmp:	NOT AVAILABLE				
Solubility in Water Description:	Negligible				
Vapor Pressure:		~ 4.2	MM HG	X	20 DEG. C XX
Vapor Density (Air = 1):	HEAVIER THAN AIR				

SECTION 10 - STABILITY AND REACTIVITY

Stability Data:

Product is stable under normal conditions.

Incompatibility:

- Alkyl halides.
- Strong acids.
- Oxidizing agents.

Conditions/Hazards to Avoid:

- Excessive heat.
- Sparks, open flames, and all other ignition sources.

Hazardous Decomposition/Polymerization:

- Oxides of carbon.
- Smoke.
- Acrid vapors and/or gases.
- Hazardous polymerization will not occur.

Corrosive Properties:

Not Corrosive.

Oxidizer Properties:

Not an oxidizer.

Other Reactivity Data:

None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

No applicable data for this section.

SECTION 12 - ECOLOGICAL INFORMATION

No applicable data for this section.

SECTION 13 - DISPOSAL CONSIDERATION

Waste Disposal:

The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Dispose of in accordance with federal, state and local regulations concerning health and pollution. Incineration is the recommended method of disposal. Do not incinerate closed containers. Harmful to aquatic life. Avoid the contamination of streams, lakes or ponds.

Container Disposal:

Not applicable.

SECTION 14 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

SEE BELOW

DOT Technical Name:

SEE BELOW

DOT Primary Hazard Class:

SEE BELOW

DOT Secondary Hazard Class:

SEE BELOW

DOT Label Required:

SEE BELOW

DOT Placard Required:

SEE BELOW

DOT Poison Constituent:

SEE BELOW

BASF Commodity Codes:

UN NA Code:

E R Guide:

Bill of Lading Description:

PAINT, 3, UN1263, PG II >3,773 LBS PER CONTAINER ADD: (RQ, XYLENE);
> 29,411 LBS PER CONTAINER ADD: (TOLUENE).

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status

Listed on Inventory:

YES

SARA - 313 Listed Chemicals:

CAS:	NAME:	AMOUNT:	
71-36-3	1-BUTANOL	14.8	g
108-88-3	TOLUENE	3.4	g
1330-20-7	XYLENE	2.7	g
12	CHROMIUM COMPOUNDS	4.3	g
7	ANTIMONY COMPOUNDS	4.3	g

CALIFORNIA PROPOSITION 65

SECTION 15 - REGULATORY INFORMATION (cont)

Warning: This product contains one or more chemicals known to the State of California to cause cancer or reproductive toxicity. California Proposition 65 requires that warnings be given regarding exposures to chemicals listed by the State as being known to cause cancer, birth defects, or other reproductive harm.

SECTION 16 - OTHER INFORMATION

Hazard Ratings:

BASF currently uses the National Paint & Coating Association (NPCA) rating system. The use of an asterisk (*) in the HMIS rating indicates the potential for chronic health effects.

	Health:	Fire:	Reactivity:	Special:
HMIS	1*	3	0	NA
HEP	2	3	0	NA

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