

# MATERIAL SAFETY DATA SHEET

Date Printed: January 1, 2001

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## SECTION I

**MANUFACTURERS NAME:**

AKZO NOBEL COATINGS INC.

**STREET ADDRESS:**

1845 MAXWELL STREET  
TROY, MICHIGAN 48084

**EMERGENCY TELEPHONE NUMBERS:**

8:00AM - 4:45PM (810) 637-0400

AFTER HOURS (810) 637-5210

**DATE OF PREPARATION:**

January 1, 2001

**PRODUCT CLASS:**

Water Reducible Acrylic Coating

**TRADE NAME:**

CETOL BL INTERIOR CLEAR

**MANUFACTURERS CODE IDENTIFICATION:**

00AMW45571003 LOW LUSTER  
00AMW45577003 SATIN  
00AMW45504003 GLOSS

## SECTION II - HAZARDOUS INGREDIENTS:

Chemical Name	Common Name	CAS #	% by wt.	Exposure Limits	Vapor Pressure
2-Butoxy ethanol	Butyl Cellosolve	111-76-2	<5	TLV – TWA 20 ppm PEL – TWA 50 ppm 240 mg/M <sup>3</sup> Skin Hazard	0.6
Dipropylene Glycol Mono Methyl Ether	Glycol Ether	34590-94-8	<5	TLV – TWA 100 – -- STEL 150 – -- PEL – TWA 100 – 600 Skin Hazard	0.1
Diethylene Glycol Monoethyl Ether	Carbitol	111-90-0	<5 Satin, 5-10 Low Luster	Not Established --	0.1
Dipropylene Glycol Mono Butyl Ether	Glycol Ether	29911-28-2	<5	Not Established --	0.1
Propylene Glycol	Glycol Ether	57-55-6	<5	Not Established --	0.1
Amorphous Silica	Silica Gel	112926-00-8	<5 Satin & Low Luster	TLV – TWA – - 10 PEL – TWA – - 80 20 Mppcf	N/A

## SECTION III - PHYSICAL DATA

MSDS Code: 01.039

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**BOILING RANGE:**

336 – 448 DEG. F

**EVAPORATION RATE VS. ETHER:**

Slower

**PERCENT VOLATILE BY VOLUME:**

72 – 76

**VAPOR DENSITY:**

Lighter than air.

**WEIGHT PER GALLON (LBS):**

8.4 – 9.7

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:**

No flash per ASTM D93-79

**LEL:**

Not applicable

**O.S.H.A. CLASSIFICATION:**

Not classified

**EXTINGUISHING METHOD:**

Foam, carbon dioxide, dry chemicals.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

This product has been tested in a closed cup tester and found not to support combustion, as supplied. However, dehydrated residue from spillage or drippage may support combustion. Closed containers may burst (due to build up of steam pressure) when exposed to extreme heat.

**SPECIAL FIRE FIGHTING PROCEDURES:**

To prevent pressure build up, water should be used to cool containers exposed to fire.

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## SECTION V – REACTIVITY DATA

**STABILITY:**

Stable

**INCOMPATIBILITY (MATERIALS TO AVOID):**

None reasonably foreseeable.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon monoxide, carbon dioxide,  
Smoke, oxides of nitrogen.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**CONDITIONS TO AVOID:**

Not applicable.

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## SECTION VI – HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:**

See Section II

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Move to fresh air. Give artificial respiration if necessary.

**SKIN CONTACT:** Wash with soap and water.

**EYE CONTACT:** Flush with water for at least 15 minutes, consult a physician.

**INGESTION:** Drink one or two glasses of water to dilute. **Do not** induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION:**

None Expected.

## SECTION VI – HEALTH HAZARD DATA (CONT'D)

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The following **acute and chronic hazard statements** have been reported to be associated with the individual hazardous ingredients in these products. The hazards may not all be associated with all finished products.

## **ACUTE:**

Excessive vapor concentration in air, especially in confined spaces, may cause asphyxiation.  
Excessive inhalation of vapors can cause nasal, throat and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.  
Sanding dust or dry spray may cause irritation to the respiratory system.  
Eye contact may cause irritation.  
Eye contact with liquid causes severe irritation, redness, tearing, blurred vision and a sensation of seeing halos around lights. Vapor exposure may cause eye irritation, redness and tearing.  
Dry dust may cause mechanical eye irritation.  
Prolonged skin contact may lead to extraction of natural oils with resultant dry skin, cracking, irritation and dermatitis.  
Skin contact with liquid or spray mist may cause irritation, redness, and may be absorbed through the skin in potentially harmful amounts causing possible injury to kidneys, liver, blood and bone marrow.  
Accumulations of sanding dust or dry spray on skin may lead to extraction of natural oils with resultant skin irritation.  
May be absorbed through the skin.  
Swallowing large amounts may cause liver and kidney damage.  
Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal.

## **CHRONIC:**

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids and vapors should be minimized.  
Prolonged or continuous inhalation of vapors may cause blood cell damage.  
Repeated and prolonged inhalation or skin contact may cause liver and kidney damage.  
Repeated inhalation of sanding dust or spray mist may cause lung damage.

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## **SECTION VII - SPILL OR LEAK PROCEDURES**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Refer to protective measures listed in sections iv., V., Vi., Viii., And ix.  
Ventilate area and remove with inert absorbent.

### **WASTE DISPOSAL METHOD:**

Incinerate in an approved facility, do not incinerate closed containers. Dispose of in accordance with federal, state, and local pollution control requirements.

## **SECTION VIII - SAFE HANDLING & USE INFORMATION**

### **RESPIRATORY PROTECTION:**

Adequate ventilation is required. Use NIOSH/MSHA approved respirator device. See your safety equipment supplier for evaluation and recommendation. In confined areas use NIOSH/MSHA approved airline respirator or hood.

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## **VENTILATION:**

Provide sufficient ventilation to keep vapor concentration below the given TLV and LEL. For baking finishes, exhaust vapors emitted on heating. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product.

## **PROTECTIVE GLOVES:**

Required for prolonged or repeated contact. Refer to safety equipment supplier for effective glove recommendations.

## **EYE PROTECTION:**

Use safety eye wear designed to protect against splash of liquids.

## **OTHER PROTECTIVE EQUIPMENT:**

Eye bath and shower should be available.

## **HYGIENIC PRACTICES:**

Wash hands before eating, smoking or using washroom.

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## **SECTION IX - SPECIAL PRECAUTIONS**

### **PRECAUTIONS TO BE TAKEN IN TRANSPORTATION HANDLING AND STORAGE:**

Do not store in high temperature area. Protect from freezing.

### **OTHER PRECAUTIONS:**

Do not take internally. Avoid prolonged contact with skin. Observe label precautions. Keep closures tight and container upright to prevent leakage. Never use pressure to empty - drum is not a pressure vessel. Avoid breathing sanding dust. This material is electrically conductive. Do not apply by electrostatic spray equipment unless the equipment is modified and intended for the application of conductive coatings. Do not handle until the manufacturer's safety precautions have been read and understood.

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## **SECTION X - OTHER INFORMATION**

### **CALIFORNIA PROPOSITION 65:**

WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

The above statement applies to these products:

00AMW45571003 - LOW LUSTER

00AMW45577003 - SATIN

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**SECTION 313 SUPPLIER NOTIFICATION**

This product, CETOL BL INTERIOR CLEAR, contains the following toxic chemicals subject to the reporting requirements of SECTION 313 of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR PART 372.

CAS #	CHEMICAL NAME	LOW LUSTRE % BY WEIGHT	SATIN % BY WEIGHT	GLOSS % BY WEIGHT
111-76-2	2-Butoxyethanol	1.6	1.5	2.0
111-90-0	Diethylene Glycol Ethyl Ether	5.2	2.9	None

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