

# MATERIAL SAFETY DATA SHEET

98/12/14



Y1750F (R93-12)  
THE CITY OF CALGARY


**\*\*\* WHMIS Classification This Product is a Harmful Substance \*\*\***

## SECTION 1: PRODUCT IDENTIFICATION AND USE

<p><b>Product Name</b> DT870 MEDIUM TEMPERATURE REDUCER</p> <p><b>Category</b> PAINT/COATING &amp; ACC</p> <p><b>MSDS Preparation Date</b> 1996/01/30</p> <p><b>Product Use</b></p>	<p><b>Product Identifier</b> MEDIUM TEMPERATURE REDUCER DT870</p> <p><b>Inventory Item Number</b> 80100200361</p> <p><b>Category Description</b> Paint, Coatings &amp; Accessories</p>	<p><b>MSDS ID Number</b> 3251</p> <p style="text-align: center;"><b>PIN</b></p>
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----- Manufacturer Information -----

----- Supplier Information -----

<p><b>Name</b> PPG CANADA INC</p> <p><b>Address</b> P.O. BOX 9 4325 ROSANNA DRIVE</p> <p><b>City/Prov</b> ALLISON PARK, PA</p> <p><b>Postal Code</b> 15101</p> <p><b>Telephone</b> (412)492-5555 <sup>FAX</sup></p>	<p><b>SUNKO PAINT SUPPLY INC.</b></p> <p>3612 BLACKFOOT TRAIL S.E.</p> <p>CALGARY, AB</p> <p>T2G 4E6</p> <p>(403)243-8087 <sup>FAX</sup></p>
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## SECTION 2: TOXICOLOGICAL EFFECTS

Routes of Entry (Yes/No)		-- Inhalation --			Ingestion
Skin Contact	Skin Absorption	Eye Contact	Acute	Chronic	
Yes	Yes	Yes	Yes	No	Yes

**Acute Exposure**

Ingestion: Harmful if swallowed.  
 Eyes: Severe irritation.  
 Skin: Moderate irritation.  
 Inhalation: Irritates eyes, nose, throat, respiratory system and may cause permanent brain and nervous system damage.

**Chronic Exposure**

May cause adverse fetal development effects.

**Exposure Limits**

TLV	LD50	LC50
N/Av	N/Av	N/Av

**Irritancy**

SKIN AND EYE IRRITANT.

**Sensitization**

N/Av

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SECTION 2: TOXICOLOGICAL EFFECTS

CONTINUED

Carcinogenicity

N/Av

Teratogenicity

N/Av

Reproductive Toxicity

May cause birth defects or other reproductive harm.

Mutagenicity

N/Av

Synergistic Products

N/Av

SECTION 3: PREVENTIVE MEASURES

Personal Protective Equipment

Gloves

NITRILE RUBBER, NEOPRENE RUBBER, butyl.

Respirator

NIOSH APPROVED AIR PURIFYING RESPIRATORS.

Eye

CHEMICAL SPLASH GOGGLES.

Footwear

N/Av

Clothing

IMPERMEABLE APRON.

Other

N/Av

Engineering Controls

GENERAL DILUTION OR EXHAUST VENTILATION.

Leak and Spill Procedures

REMOVE ALL SOURCES OF IGNITION.TAKE UP SPILLED MATERIAL WITH SAND, VERMICULITE, OR OTHER ABSORBENT.PLACE INTO CONTAINER FOR LATER DISPOSAL.

Waste Disposal

DISPOSE OF ACCORDING TO LOCAL AND PROVINCIAL REGULATIONS.

Handling Procedures and Equipment

Vapors may collect in low areas. Containers should be grounded when pouring. Avoid free fall of liquids in excess of a few inches.

Storage Requirements

STORE BELOW 120 DEG F. STORE IN BUILDINGS DESIGNED FOR STORAGE OF NFPA CLASS IB FLAMMABLE LIQUIDS.

Special Shipping Information

Additional Preventive Measures

READ MSDS OF OTHER COMPONENTS BEFORE MIXING OR BLENDING.

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**SECTION 4: FIRST-AID MEASURES**

INGESTION: If swallowed DO NOT induce vomiting.  
 EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes.  
 SKIN CONTACT: Flush with plenty of water and soap.  
 INHALATION: Remove to fresh air. Apply artificial respiration as required.  
 Contact a physician.

**SECTION 5: HAZARDOUS INGREDIENTS**

Hazardous Ingredients	% Ratio	CAS Number	TLV	LD50	LC50
1-METHOXY-2-PROPYL ACETATE	20-30	108-65-6	100 ppm		
METHYLCYCLOHEXANE	1-5	108-87-2	400 ppm		
TOLUENE	20-30	108-88-3	50 ppm		
N-HEPTANE	1-5	142-82-5	400 ppm		
NAPHTHA	10-20	64742-89-8			
METHYL ETHYL KETONE	30-40	78-93-3	200 ppm		

**SECTION 6: PHYSICAL DATA**

Physical State (Gas, Liquid or Solid)

Liquid

Appearance

VISCOUS LIQUID

Odour

Characteristic of the ingredients listed.

Freezing Point

N/Av

Boiling Point

172-302 F

Odour Threshold

N/Av

Evaporation Rate

346 (BuOAc=100)

Specific Gravity

.829

pH Measurement

N/Av

Vapour Pressure

41.4 mmHg

Vapour Density

HEAVIER THAN AIR

Coefficient Water/Oil

n/av

**SECTION 7: FIRE AND EXPLOSION DATA**

Flammability (Yes/No)

Yes

N/Av

Means of Extinction

CLASS B EXTINGUISHERS. CARBON DIOXIDE OR DRY CHEMICAL, foam.

Special Fire Fighting Procedures

FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SCBA.  
 USE WATER SPRAY TO COOL CONTAINERS.

Flashpoint Temp. & Method

23 F/-5 C PMCC

Auto Ignition Temp.

N/Av

Upper Flammable Limit (%Vol)

N/Av

Lower Flammable Limit (%Vol)

1.5

Hazardous Combustion Products

N/Av

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SECTION 7: FIRE AND EXPLOSION DATA

CONTINUED

Explosion Data - Sensitivities to  
Impact

N/Av

Static Discharge

N/Av

SECTION 8: REACTIVITY DATA

Chemical Stability

STABLE

Incompatibility with Other Substances

STRONG ALKALIES, MINERAL ACIDS, AND OXIDIZING AGENTS.

Other Reactivity Concerns

N/Av

Hazardous Decomposition Products

CARBON MONOXIDE, carbon dioxide when exposed to extreme heat.

SECTION 9: OTHER INFORMATION

SECTION 10: PREPARATION DATE OF MSDS

Name

PPG INDUSTRIES

Telephone

(412)492-5555

Date

1996/01/30

\*\* END OF MATERIAL SAFETY DATA SHEET \*\*