

SECTION 1 - MANUFACTURER INFORMATION

Manufacturer/Distr.	DBA Products Co., Inc. 22 Skokie Highway Lake Bluff IL 60044	Information #	1-708-234-8100
		Emergency #	1-800-255-3924 (Chem-Tel) 24 hours
		Emergency Inter'l #	1-813-979-0626 (Chem-Tel) 24 hours/Call Collect

SECTION 1A - PRODUCT IDENTIFICATION

Product name	DBA Dura-Guard Clear Urethane Coating #1664	LEGEND: Severe Hazard = 4 Serious Hazard = 3 Moderate Hazard = 2 Slight Hazard = 1 Minimal Hazard = 0	Hazardous Materials Identification System	
Product Description	Paint		HEALTH	3
Product #	111664		FLAMMABILITY	3
Revision Date	10/1/93		REACTIVITY	0
			PROTECTION	H

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL	CAS #	%	Exposure PPM	TLV MG/M3	SARA 313	NTP	IARC	65
Propylene Glycol Methyl Ether Acetate	108-65-6	n/i	n/i	n/i	n/i	n/i	n/i	n/i
Ethyl Benzene	100-41-4	n/i	100	434	X	n/i	n/i	n/i
Xylene	1330-20-7	n/i	100	434	X	n/i	n/i	n/i
2,4 Toluene Diisocyanate	584-84-9	n/i	0.005	0.036	X	X	X	n/i
Polyurethane Prepolymer	n/i	n/i	n/i	n/i	n/i	n/i	n/i	n/i

This product contains one or more materials subject to the reporting requirements of Section 313 of the Emergency Planning and the Community Right to Know Acts of 1986 and 40 CFR 372.

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute & Chronic):

Swallowing: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis, which can be fatal.

Inhalation: May cause respiratory sensitization. Anesthetic may cause irritation of the nose and throat, and acute nervous system depression.

Characterized by headache, dizziness, confusion, nausea and unconsciousness.

Eye: May cause severe eye irritation.

Dermal: Liquid material may be absorbed through the skin in harmful amounts. Primary skin irritant. May cause defatting and irritation of skin.

NOTE: Overexposure to Xylene may cause injury to the liver, kidneys, and blood. Repeated exposure to 2-Ethoxyethyl Acetate at concentration in the range of 440 ppm or higher, may cause injury to the bone marrow, blood cells, kidney, liver and testes. Repeated exposure to Diisocyanate may result in respiratory sensitization in some individuals. Respiratory sensitivity results in asthma-like symptoms on subsequent exposure at concentration even below the TLV.

EMERGENCY FIRST AID PROCEDURES:

Swallowing: If swallowed, call Poison Control Center, hospital emergency room or a physician immediately.

Inhalation: Remove to fresh air immediately. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention immediately.

Eye: Flush with large amount of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

Dermal: Remove contaminated clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists.

PRIMARY ROUTE OF ENTRY: n/i

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Reports have associated prolonged and repeated occupational overexposure to Diisocyanates with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SECTION 4 - PHYSICAL, FIRE, EXPLOSION DATA

Flashpoint (C):	21°C (69°F TCC)	Evaporation rate:	>1 (ether = 1)	Boiling Point:	>95°C (>203°F)
Vapor Density:	>1 (air = 1)	UEL:	n/i	Weight per gallon:	8.03
Specific Gravity:	0.963	LEL:	n/i	% volatile by weight:	70

Appearance & odor: Clear, light blue viscous liquid **Solubility in water:** Insoluble

EXTINGUISHING MEDIA: Use NFPA Class B Fire Extinguisher (carbon dioxide, all purpose dry chemical or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferable for large fires.

FIRE & EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition product may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

HAZARDOUS DECOMPOSITION PRODUCTS: Will produce smoke when burned (carbon monoxide and carbon dioxide).

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear self contained breathing apparatus. Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferred.

SECTION 5 - REACTIVITY DATA

IS PRODUCT STABLE: Stable under normal conditions.

CONDITIONS TO AVOID FOR STABILITY: Avoid excessive heat and source of ignition.

INCOMPATIBILITY (Materials to Avoid): Strong acids or alkaline material.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID FOR POLYMERIZATION: Keep away from heat, sparks and open flame.

SECTION 6 - EXPOSURE CONTROL DATA

VENTILATION: Explosion proof.

RESPIRATORY PROTECTION: In open, well ventilated areas: Use NIOSH approved mechanical filter respirator. In restricted ventilation, use NIOSH approved paint spray respirator to remove spray mist. In confined areas, use NIOSH approved air supplied respirator.

PROTECTIVE EQUIPMENT: Gloves: Solvent impermeable gloves required for repeated or prolonged contact.
 Eye: Wear safety spectacles and chemical splash goggles (ANSI Z87.1 or equivalent).

WORK PRACTICES: Use suggested protective equipment and adequate ventilation.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before each break period and at the end of the shift.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use NIOSH/MHS approved, TC19C air supplied breathing apparatus. Keep spectators away. Eliminate all ignition sources. Transfer liquid to covered metal containers for recovery or disposal, or remove with inert absorbent. Use non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

WASTE DISPOSAL METHODS: Dispose in accordance with federal, state and local regulations. Contaminated absorbent may be disposed in EPA permitted hazardous waste landfills. Incinerate only in EPA permitted facility. Do not incinerate closed containers. Observe precautions for disposal of flammable materials. Contaminated absorbent may be disposed in a hazardous waste landfill. Dispose in accordance with federal, state, and local regulations.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120°F. Store large quantity in compliance with OSHA 29 CFR 1910.106.

OTHER PRECAUTIONS: Do not take internally. Close containers after each use. Empty containers must not be washed and re-used for any purpose. Containers should be grounded and bonded to the receiving container. Do not weld, braze or cut on empty container.

SECTION 9 - SHIPPING INFORMATION

SHIPPING INFORMATION	U.S. D.O.T. INFORMATION	INTERNATIONAL INFORMATION
SHIPPING NAME	Paint	Paint
HAZARD CLASS	Class #3	Class #3
U.N. NUMBER	UN 1263	UN 1263
PACKAGING GROUP	II	II
LABELS	Flammable Liquid	Flammable Liquid

The information contained herein is based on the data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Since the use of this information and the conditions and use of this product are controlled by the user, it is the user's obligation to determine the conditions of the safe use of the product.