

MATERIAL SAFETY DATA SHEET

Section 1 - Material Identity	
Product Name UNDERHOOD CLEAR - #7211	Product Use: UNDERCOATING
Manufacturer(s) Supplier (s) Name & Address	Telephone Number: (215) 698-0500
ARDEX LABORATORIES, INC. 2050 BYBERRY ROAD PHILADELPHIA , PA 19116	Days: (215) 698-0500 Nights: CHEMTREC: 800/424-9300
DOT Proper Shipping Name Paint Related Material (Containing Toluene, Xylene and Isopropanol), 3, UN1263, PGII	
FLAMMABLE	

Section 2 - Physical & Chemical Characteristics		
V.O.C.: 90.94% by weight.	Solubility in Water by Weight: 0.00%	Boiling Point: 175-385 DEG. F
Appearance and Odor: CLEAR, FREE-FLOWING LIQUID WITH A CHARACTERISTIC LACQUER-LIKE AROMATIC ODOR.	Specific Gravity: 0.810 (@20 DEG. C)	Freezing Point -60 DEG. F.
Vapor Pressure at 20EC: 24.8 (@20 DEG. C)	Percent Volatile by Volume: 87.5% (all VOC)	Evap. Rate (Butyl Acetate=1): 1.25 (solvent phase)

Section 3 -Ingredients & Specifications				
Materials	%	TLV	Hazard	CAS Number
XYLENES		100 ppm		1330-20-7
TOLUENE		100 ppm		108-88-3
ISOPROPANOL		400 ppm		67-63-0
2-BUTOXYETHANOL		25 ppm		111-76-2
n-BUTYL ACETATE		150 ppm		123-86-4
OTHER COMPONENTS: ACRYLIC RESIN		Not Regulated		

Section 4 - Fire & Explosion Hazard Data
Flash Point & Method: 50 DEG. F. (closed cup)
Flammable Limits in Air % by volume: Lower: N/A Upper: N/A
Extinguishing Media: Any
Special Fire Fighting Procedures: N/A
Unusual Hazards: N/A

Section 5 - Health Hazard Data	
Route of Entry	a) Skin b) eyes:
Effects of Acute Exposure: HEALTH: 2 FLAMMABILITY: 3 PHYSICAL HAZARD: 0 PERSONAL PROTECTION J	a) Skin Contact: ONE OR MORE OF THE COMPONENTS OF THIS MATERIAL MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE REDNESS, BURNING AND DRYING AND CRACKING OF THE SKIN.
	b) Eye Contact: ONE OR MORE COMPONENTS OF THIS MATERIAL IS AN EYE IRRITANT. DIRECT CONTACT WITH THE LIQUID OR EXPOSURE TO VAPORS OR MISTS MAY CAUSE STINGING, TEARING, REDNESS AND SWELLING.
	c) Swallowing: THIS MATERIAL HAS A LOW DEGREE OF TOXICITY, INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE: IRRITATION OF THE DIGESTIVE TRACT, SIGNS OF NERVOUS SYSTEM DEPRESSION (E.G., HEADACHE, DROWSINESS, DIZZINESS, LOSS OF CONCENTRATION AND FATIGUE.)
	d) Skin Absorption: PROMPTLY WASH AFFECTED AREA WITH MILD SOAP AND WATER. REMOVE CLOTHING IF PRESENT. IF IRRITATION OR REDNESS PERSISTS GET MEDICAL ATTENTION.

*	e) Inhalation WHILE THIS MATERIAL HAS A LOW DEGREE OF TOXICITY; BREATHING HIGH LEVEL OF VAPORS OR MISTS MAY CAUSE: IRRITATION OF THE NOSE AND THROAT, SIGNS OF NERVOUS SYSTEM DEPRESSION (E.G., HEADACHE, DROWSINESS, DIZZINESS, and LOSS OF CONCENTRATION & FATIGUE.)
Chronic Effects of Overexposure:	EXPOSURE TO HIGH CONCENTRATIONS OF THIS MATERIAL (E.G., IN ENCLOSED SPACES OR WITH DELIBERATE ABUSE) MAY BE ASSOCIATED WITH CARDIAC ARRHYTHMIAS. EPINEPHRINE AND OTHER SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIAS IN PERSONS EXPOSED TO THIS MATERIAL. REPORTS HAVE INDICATED THAT LONG-TERM EXPOSURE TO HIGH CONCENTRATIONS OF SOLVENTS HAVE PRODUCED PERMANENT NERVOUS SYSTEM AND BRAIN DAMAGE. ALWAYS OPERATE BELOW INDICATED TWA VALUES, OR USE SELF-CONTAINED BREATHING APPARATUS FOR HIGHER LEVELS.
Other Health Hazards:	N/A
Emergency and First Aid Procedures:	a) Skin: PROMPTLY WASH AFFECTED AREA WITH MILD SOAP AND WATER. REMOVE CLOTHING IF PRESENT. IF IRRITATION OR REDNESS PERSISTS GET MEDICAL ATTENTION.
	b) Eyes: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL.
	c) Swallowing: IF THE PERSON IS CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO DILUTE. DO NOT ATTEMPT TO INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.
	d) Inhalation: MOVE PERSON TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. KEEP THE AFFECTED PERSON WARM AND AT REST. GET MEDICAL ATTENTION AS SOON AS POSSIBLE.
Carcinogen Evaluation N/A	

Section 6 - Reactivity Data

Stability -	Yes
Conditions to Avoid for Stability	See below
Incompatibility (Materials to Avoid) -	Vapor forms combustible/explosive mixtures with air. Avoid strong acids or bases, oxidizing agents & amines.
Hazardous Polymerization -	Will not occur
Hazardous Decomposition/Byproducts	Carbon Monoxide and/or Carbon Dioxide.

Section 7 - Spill or Leak Procedures

Release/Spill Procedures	VENTILATE AREA. ABSORB INTO NON-REACTIVE MEDIA SUCH AS DIATOMACEOUS EARTH OR VERMICULITE; SWEEP INTO NON-REACTIVE VESSEL (I.E., STEEL DRUM OR PAIL)
	WASTE DISPOSAL METHOD: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

Section 8 - Special Protection Information

Protective Equipment	Eyes: USE DUST-AND SPLASH-PROOF SAFETY GOGGLES WHERE THERE IS ANY POSSIBILITY OF LIQUID, MIST OR DUST CONTACTING THE EYES.
	Respirator: RECOMMENDED; DUST MASK
	Gloves: WEAR IMPERMEABLE GLOVES (BUTYL OR HEAVY VINYL LATEX TYPE)
	Other: PROTECTIVE EQUIPMENT – IF POSSIBILITY EXISTS FOR SPLASHING WEAR FACEGUARDS WITH SIDE SHIELDS. USE RESPIRATOR WHEN WORKING IN A TOTALLY CLOSED SYSTEM.
Ventilation	General Mechanical: None required
	Other: USE IN A WELL VENTILATED AREA

Section 9 - Special Precautions

Handling & Storage	General: N/A
	Other:

Section 10 - Other Information

The information contained herein is based on data considered accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility for personal injury or property damage to vendees, users or third parties caused by the material. We also do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

Prepared By:	ARDEX LABORATORIES, INC.	New/Revision Date: 03/14/05
--------------	--------------------------	-----------------------------