

MATERIAL SAFETY DATA SHEET

Section 1 - Material Identity	
Product Name ENGINE PAINT, NO'S 3510,-11-12-14-15-16	Product Use: Protective Coating
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 Aerolsols, 2, UN1950	May be reclassified in the US for ground or vessel shipments as : ORM-D CONSUMER COMMODITY
FLAMMABLE	

Section 2 - Physical & Chemical Characteristics		
V.O.C.: 65% by weight (3510, -11, -12, -14); 80% by weight (Metallic Paints 3515, -16) OTC VOC Compliant for 2005.		
	Solubility in Water by Weight: 0	Boiling Point: -43.7 DEG. F.
Appearance and Odor: AEROSOL colored COATING, A CHARACTERISTIC LACQUER-LIKE AROMATIC ODOR.	Specific Gravity: N/A	Freezing Point N/A (SOLVENT MIX)
Vapor Pressure at 20EC (kPa) 8300 (@ 68 DEG. F.)	Percent Volatile by Volume: <84%	Evap. Rate (Butyl Acetate=1): 4.86

Section 3 -Ingredients & Specifications				
Materials	%	TLV	Hazard	CAS Number
ACETONE	40%	750ppm		67-64-1
TOLUENE	12%	188ppm		108-88-3
Propylene Glycol Monomethyl Ether Acetate	7%			108-65-6
Methyl Isobutyl Ketone	10%	50 ppm		108-10-1
Isobutyl Alcohol	2%	50ppm		78-83-1
PROPANE	15%	1000ppm		74-98-6

Section 4 - Fire & Explosion Hazard Data
Flash Point & Method: -156 DEG. F.
Flammable Limits in Air % by volume: Lower: 2.2 Upper: 8.9
Extinguishing Media: Foam, carbon dioxide, Fog.
Special Fire Fighting Procedures: N/A
Unusual Hazards: Extremely Flammable! This is a pressurized container. Contents under pressure. Do not store at 120 F. Do not puncture, incinerate

Section 5 - Health Hazard Data	
Route of Entry	a) Skin b) eyes:
Effects of Acute Exposure: HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION H	a) Skin Contact: MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE REDNESS, BURNING & DRYING & CRACKING OF THE SKIN.
	b) Eye Contact: IRRITATING TO THE EYES. 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 & FATIGUE.)
	d) Skin Absorption: PROMPTLY FLUSH AREA WITH WATER. REMOVE CLOTHING IF PRESENT. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

*	e) Inhalation: HARMFUL BY INHALATION. WHILE THIS MATERIAL HAS A LOW DEGREE OF TOXICITY BREATHING HIGH CONCENTRATIONS OF VAPORS OR MISTS MAY CAUSE: IRRITATION OF THE NOSE AND THROAT, SIGNS OF NERVOUS SYSTEM DEPRESSION (E.G., HEADACHE, DROWSINESS, DIZZINESS, LOSS OF CONCENTRATION AND FATIGUE.)
Chronic Effects of Overexposure:	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: IF IRRITATED WASH 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: Do NOT induce vomiting. If person is conscious, give two (2) glasses of water. Contact physician immediately.
	d) Inhalation: REMOVE TO FRESH AIR. 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) -	This product forms combustible and/or explosive mixtures with air or oxygen. Also, avoid strong acids or bases, oxidizing agents & selected 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: LOCAL EXHAUST VENTILATION; GENERAL DILUTION VENTILATION; USE PERSONAL PROTECTION EQUIPMENT (VAPOR GAS MASK) WHERE EXPOSED TO ANY MIST OR VAPORS
	Gloves: WEAR IMPERMEABLE GLOVES (BUTYL OR HEAVY VINYL LATEX TYPE)
Ventilation	Other: PROTECTIVE EQUIPMENT – IF POSSIBILITY EXISTS FOR SPLASHING WEAR FACEGUARDS WITH SIDE SHIELDS. USE RESPIRATOR WHEN WORKING IN A TOTALLY CLOSED SYSTEM.
	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.

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