

MATERIAL SAFETY DATA SHEET

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	Hazard Rating:	Health	3
	Least --> Greatest	Flammability	3
	0 --> 4	Reactivity	1
		Personal Protection	G

Manufacturer:

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SECTION I: PRODUCT IDENTIFICATION

Product Code: DURAPLEX- TTP-1757B-T1C

Chemical Name/Class: ALKYD ENAMEL

CAS Number: NA

SECTION IIA: HAZARDOUS INGREDIENTS

Ingredient	CAS Number	(To Nearest .10%)		Vapor	
		% by Wt.	% by Vol.	LEL	Density
1. Zinc Chromate *	13530-65-9	28.48	10.79	NA	NA
2. n-Butyl acetate	123-86-4	28.12	38.64	1.7	4.0
3. Tolulene *	108-88-3	5.69	8.26	1.1	3.1
4. Xylene *	1330-20-7	2.71	3.91	.9	3.7

NA = Not Applicable; NE = Not Established

SECTION IIB: OCCUPATIONAL EXPOSURE LIMITS

Ingr. #	----OSHA PEL's-----		-----ACGIH TLV's-----			
	OSHA ppm	OSHA mg/m3	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
1.		.01		.01		
2.	NA	NA	150	NE	NE	NE
3.	200				100	
4.	100				100	

NA = Not Applicable; NE = Not Established

SECTION III: PHYSICAL DATA

Boiling Range (degrees F): 320.00 - 393 Pounds per Gallon: 10.50 ± .25lbs
 Vapor Density: HEAVIER THAN AIR Evaporation Rate: SLOWER THAN ETHER
 Solubility in Water: NA

Volatiles (%)	by Weight		by Volume	
	Total	37.25	54.6	
Exempt VOC	0	0		
Non-exempt	37.25	54.6		

VOC wt/gal: 3.92 lbs non-exempt solvent per adjusted gallon (472 g/L)

Appearance: OPAQUE LIQUID

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flammability Classification:

OSHA: Flammable DOT: CLASS 3 (FLAMMABLE LIQUIDS)

Flash Point: 45.0°F (Method: Tcc)

UEL: 6

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Extinguishing Media: CO2

Unusual Fire and Explosion Hazards

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Special Firefighting Procedures

CAUTION: COMBUSTIBLE. Do not enter confined fire space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots. Including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

SECTION V: HEALTH HAZARD DATA

Effects of Overexposure

EYE Contact: Liquid is minimally irritating to the eyes. High vapor concentrations may cause irritation.

SKIN CONTACT: Liquid is slightly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

INHALATION: Vapors may be irritating to nose, throat and respiratory tract. High vapor concentrations may cause CNS depression.

Medical Conditions Prone to Aggravation by Exposure

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

Primary Routes of Entry into the Body, and Effects

Eyes, Skin, Lungs

EMERGENCY FIRST-AID PROCEDURES

EYE CONTACT: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

INGESTION: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

NOTE TO PHYSICIANS: if more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

SECTION VI: REACTIVITY DATA

Stability: STABLE Hazardous Polymerization WILL NOT OCCUR.

Hazardous Decomposition Products

Carbon Monoxide and unidentified organic compounds may be formed during combustion.

Conditions to Avoid: Avoid heat, flame and contact with strong oxidizing agents.

Incompatibilities (Materials to Avoid): Strong oxidizing agents.

SECTION VII: SPILL OR LEAK PROCEDURES; WASTE DISPOSAL

Steps to be taken if Material is Leaked or Spilled

CAUTION: FLAMMABLE.

Large Spills Eliminate potential sources of ignition. Wear appropriate respirator and other protective clothing. Shut off source of leak only if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking containers and seal tightly for proper disposal. Flush area with water to remove trace residue. Dispose of flush solution as above.

Small Spills Take up with an absorbent material and place in non-leaking containers for proper disposal.

Waste Disposal Methods

Under EPA - RCRA (40 CFR 261.21) if this product becomes a waste material it would be an ignitable hazardous waste (D001) Refer to latest EPA or state regulations regarding proper disposal.

SECTION VIII: SAFE HANDLING AND USE INFORMATION

Respiratory Protection

Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits use a NIOSH-approved respirator to prevent overexposure. In accord with 29CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Ventilation

Provide sufficient mechanical (general, or local exhaust) ventilation to maintain exposure below TLV(S)

Protective Gloves

Avoid contact with skin. Wear chemical-resistant gloves.

Eye Protection: Avoid contact with eyes. Wear safety glasses or goggles.

Other Protective Equipment: Wear chemical resistant clothing.

Hygienic Practices

WASH WITH SOAP AND WATER BEFORE EATING, DRINKING SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. AIR-DRY CONTAMINATED CLOTHING IN A WELL VENTILATED AREA BEFORE LAUNDERING.

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SECTION IX: SPECIAL PRECAUTIONS

Handling and Storing

Store in a cool, dry area away from heat, sparks and flame. CONTAINERS EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILAR OPERATIONS ON OR NEAR CONTAINERS TO EMPTY THEM. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD GROUND FIXED EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMENT.

Other Precautions

Wash with soap and water before eating, drinking, smoking, applying COSMETICS, OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. AIR-DRY CONTAMINATED CLOTHING IN A WELL VENTILATED AREA BEFORE LAUNDERING.

SECTION X: REGULATORY INFORMATION

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: "*" Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: To the best of our knowledge, this product is not listed as a toxic chemical.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: To the best of our knowledge, this product is not listed as an extremely hazardous substance.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION XI: TRANSPORTATION DATA

GROUND / IMDG

PROPER SHIPPING NAME: Paint HAZARD CLASS: 3. Packaging Group II

UN/NA NUMBER: UN 1263 LABEL: Flammable Liquid.

APPLICABLE REGULATION: 49 CFR 171 - 179

U.S. POSTAL REGULATION: Not Shippable.

AIR

PROPER SHIPPING NAME: Paint HAZARD CLASS: 3 Packaging Group II

UN/NA NUMBER: UN 1263 LABEL: Flammable Liquid.

PACKING GROUP: Consult IATA manual

APPLICABLE REGULATION: IATA

U.S. POSTAL REGULATION: Not shippable.

NATIONAL STOCK NUMBERS (NSN):

8010-00-582-5318

MANUFACTURER DISCLAIMER: The information contained herein is based on the data available to us and is believed to be accurate. However, Durant Performance Coatings, Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Durant Performance Coatings, Inc. assumes no responsibility for injuries from the use of the product described herein.

END OF MSDS