

CLEAR POLYESTER

New Satin Silver VersaMet Aluminum

PRODUCT NAME: CLEAR POLYESTER  
PRODUCT CODE: DC105C-2000

2129

HMIS CODES: H F R P  
1 2 0 G

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: DURA COAT PRODUCTS OF AL, INC.  
ADDRESS : 26655 PEOPLES ROAD  
HUNTSVILLE, AL 35756

EMERGENCY PHONE : 1-800-424-9300  
INFORMATION PHONE : 1-256-353-7800  
DATE PRINTED : 4/20/2009  
NAME OF PREPARER : Dexter F. Sunderman  
Dura Coat Products' Customer:

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT PERCENT
		mm Hg @ TEMP		
POLYESTER RESIN	P TRADE SECR	3.02	68	35.370
AROMATIC HYDROCARBON	64742-94-5	0.50	68	19.418
TLV ACGIH 100 PPM PEL OSHA 100 PPM				
POLYESTER RESIN	PT SECRET	3.02	68	11.103
METHYLATED MELAMINE	068002-20-0	NA	NA	7.332
HFSN AROMATIC HYDROCARBON	64742-95-6	2.09	68	4.904
TLV ACGIH 100 PPM PEL OSHA 100 PPM				
* ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	.88	77	4.409
TLV ACGIH 20 PPM PEL OSHA 25 PPM				
* 1,2,4-TRIMETHYLBENZENE/PSEUDOCUEME	95-63-6	1.7	68	3.614
TLV ACGIH 25 PPM PEL OSHA 25 PPM				
PROPYLENE GLYCOL METHYL ETHER ACETATE	108-65-6	3.7	68	2.413
TLV ACGIH 100 PPM PEL OSHA 100 PPM				
DIACETONE ALCOHOL	123-42-2	1	68	2.413
TLV ACGIH 50 PPM PEL OSHA 50 PPM				
** XYLENE AROMATIC HYDROCARBON	1330-20-7	14	100	2.060
TLV ACGIH 100 PPM PEL OSHA 100 PPM				
** NAPHTHALENE	91-20-3	NA	NA	1.808
TLV ACGIH 10 PPM PEL OSHA 10 PPM				
2ETHYL-1HEXANOL/OCTYL ALCOHOL	104-76-7	.1	86	.701
TLV ACGIH 227 PPM PEL OSHA 227 PPM				
** ETHYLBENZENE	100-41-4	14.2	100	.251
TLV ACGIH 100 PPM PEL OSHA 100 PPM				
FUMED SILICA	112945-52-5	NA	NA	.250
TLV ACGIH 10MG/M3 PEL OSHA 6 MG/M3				
ISOBUTYL ALCOHOL	78-83-1	10	86	.154
TLV ACGIH 50 PPM PEL OSHA 100 PPM				
** ISOPROPYLBENZENE/CUMENE	98-82-8	NA	NA	.117
TLV ACGIH 50 PPM PEL OSHA 50 PPM				
** FORMALDEHYDE	50-00-0	10	86	.053
TLV ACGIH 0.3 PPM PEL OSHA 0.75PPM				
HEPTANE	142-82-5	40	68	.031
TLV ACGIH 400 PPM PEL OSHA 400 PPM				

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\* Indicates toxic chemical(s) that's subject to the reporting requirements of section 313 of Title III and 40 CFR 372.  
# Indicates chemical(s) subject to the reporting requirements of the U.S. Hazardous Air Pollutants Act.

WARNING: Detectable amounts of a chemical known to the state of California to cause cancer, birth defects or other reproductive harm may be present in this product.

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 101 deg F - 364 deg F	SOLUBILITY IN WATER: Non Soluble
VAPOR DENSITY: Heavier than air	EVAPORATION RATE: Slower than ether.
WEIGHT PER GALLON (LBS/GAL): 8.603	SPECIFIC GRAVITY (H2O=1): 1.03
WEIGHT SOLIDS %: 55.062	VOLATILE WEIGHT %: 44.938
V.O.C. (LBS/GAL): 3.87	COATING VOLATILE CONTENT: 4.27 lb/gal
APPEARANCE AND ODOR: Liquid with an aromatic odor.	

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT OF SYSTEM: 105 deg F	METHOD USED: TCC
FLASH POINT LOWEST FLASHING SOLVENT: 30 deg F	METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9	UPPER: 12.3

**EXTINGUISHING MEDIA:**

Use National Fire Protection Association (NFPA) CLASS B Extinguishers (Foam, Alcohol Foam, CO2, or Dry Chemical), designed to extinguish NFPA CLASS II Combustible Liquid fires. Water spray may be ineffective. Water spray/fog may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

**SPECIAL FIREFIGHTING PROCEDURES**

Respiratory equipment should be worn to avoid inhalation of vapors. Water should not be used except as fog to keep nearby containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Handle as flammable liquid. Vapors form an explosive mixture in air between the upper and lower explosive limits which can be ignited by many sources such as pilot lights, open flames, electrical motors and switches.

## ===== SECTION V - REACTIVITY DATA =====

**STABILITY:**

Stable.

**CONDITIONS TO AVOID**

Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Alkaline materials, strong acids and oxidizing materials.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Carbon monoxide, carbon dioxide, oxides of nitrogen, and possibly lower molecular weight fractions .

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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SECTION VI - HEALTH HAZARD DATA  
=====**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Dizziness, breathing difficulty, headaches & loss of coordination.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Eye contact: Severe irritation, tearing, redness and blurred vision.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Skin contact: Can dry and defat skin causing cracks, irritation, and dermatitis.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Inhalation-Dizziness, breathing difficulty, headaches, & loss of coordination. Eye contact-Severe irritation, tearing, redness, and blurred vision. Skin contact-Can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion-Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea. No chronic health effects. Additional hazardous info.

**CARCINOGENICITY:**

NTP CARCINOGEN: Yes                      IARC MONOGRAPHS: Yes                      OSHA REGULATED: No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting

**EMERGENCY AND FIRST AID PROCEDURES**

Inhalation overexposure-Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention. Eye contact-flush with large quantities of water for 15 minutes. Skin contact-Wash thoroughly with soap and water and see a doctor. Ingestion-Do not induce vomiting, can cause chemical pneumonitis and pulmonary edema. Contact physician immediately.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE  
=====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Eliminate ignition sources, provide good ventilation, dike spill area and add absorbent earth or sawdust to liquid. Thoroughly wet w/ water and mix.

**WASTE DISPOSAL METHOD**

Collect absorbent/water/spilled liquid mixture into metal containers and add enough water to cover. Consult local, state & federal hazardous waste regulat'n before disposing into approved hazardous waste landfills. Obey relevant laws.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Use non-sparking utensils when handling this material. Avoid hot metal surface. Avoid temperature extremes during storage. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat, sources of ignition, and from reactive materials. Material can burn; limit indoor storage to approved area equipped with automatic sprinklers. Avoid all ignition sources. Ground all metal containers during storage and handling. Use non-sparking utensils when handling this material. Avoid hot metal surface. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames. Avoid temperature extremes during storage. Store away from excessive heat, from sources of ignition and from reactive materials. Store in a dry area. Ground all metal containers during storage and handling. Material can burn; limit indoor storage to approved areas

equipped with automatic sprinklers. Avoid all ignition sources.

**OTHER PRECAUTIONS**

Smoking in area where this material is used should be strictly prohibited. Tools used with this material should be made from aluminum, brass or copper. Plastic utensils should not be used. NOTE: This information is accurate to the best knowledge of Dura Coat Products Inc., but is furnished without any expressed or implied warranties.

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**SECTION VIII - CONTROL MEASURES**  
=====**RESPIRATORY PROTECTION**

When spraying this material use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.

**VENTILATION**

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equip. must be explosion proof.

**PROTECTIVE GLOVES**

Impermeable chemical handling gloves for skin protection. A NIOSH approved full-facedpiece, air-purifying respirator, or full facepiece, airline respirator in the pressure demand should be worn when working with this material. Use chemical resistant gloves should be worn whenever this material is handled.

**EYE PROTECTION**

Wear Safety Goggles and or full face shield.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps whenever possible is strongly recommended.

**WORK/HYGIENIC PRACTICES**

Eye washes and safety showers in the workplace are recommended.

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**SECTION IX - DISCLAIMER**  
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To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Dura Coat Product's Inc. to be accurate.