



## MATERIAL SAFETY DATA SHEET

Drytac Europe Ltd  
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Bristol BS16 3RY UK

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### SECTION I – PRODUCT IDENTIFICATION

Date Prepared: September 28, 2010

Product Code: ECWBFAG  
Product Name: Enduracoat Fine Art Gloss  
Product Class: Waterbased Coating

### SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	%	C.A.S.	TLV	LD50 ORAL RAT	LD50 DERMAL RABBIT	LC50 INHALATION RAT	Source
WATER	40-60	7732185	No Exposure Hazards	No Exposure Hazards	No Exposure Hazards	No Exposure Hazards	ACGIH
ACRYLIC POLYMER	20-40	N/A	No Exposure Hazards	No Exposure Hazards	No Exposure Hazards	No Exposure Hazards	ACGIH
DIPROPYLENE GLYCOL	1-5	034590948	150PPM	5380 MG/KG	5200 MG/KG	N/A	ACGIH
ESTER ALCOHOL	<1.0	25265774	N/A	3200 MG/KG	15168MG/KG	6 HR> 3.55MG/L	ACGIH
TRIETHYLAMINE	<1.0	000121448	N/A	460 MG/KG	410 MG/KG	6000 PPM 2HR	ACGIH

### SECTION III - HAZARDS IDENTIFICATION

Effects Of Overexposure From:

Ingestion: Unknown

Eye Contact: May cause eye irritation

Skin Contact: May cause moderate skin irritation, may be absorbed through the skin.

Inhalation: Vapor and spray mist harmful if inhaled. Vapor irritating to eyes, nose and throat, repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Chronic Exposure: Avoid long term and repeated contact. Can not be made non-poisonous.

Medical Conditions Aggravated By Exposure: Not applicable

Signs and Symptoms of Overexposure: Eye watering, headaches, nausea, dizziness and loss of coordinations are indications that solvent levels are too high. Redness, itching, burning sensations and visual disturbances may be indications that excessive eye contact has occurred. Dryness, itching rashes burning, redness and swelling are conditions associated with excessive skin contact.

### SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range:	77-171° C	Solubility in Water:	Complete
Vapor Pressure:	2266.4808 PAAT@20°C	Specific Gravity (KG/L)	1
Vapor Density:	<1.0	PH:	8.0 – 9.0



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% Vol/Volume:	100g/l V.O.C.	% Solid by Weight:	30
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### SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS . . . cont'd.

Evap. Rate (BuOAc):	Slower	PIN/UN:	Non-regulated
Physical State:	Liquid	Appearance:	Milky Liquid
Odour:	Characteristic	Auto Ignition Temp:	U.I.
Rate of Burning:	U.I.	Explosive Power:	U.I.
Sensitivity to Static Discharge	U.I.	Sensitivity to Chemical Impact:	U.I.

### SECTION V - FIRE AND EXPLOSION HAZARD DATA

NOT APPLICABLE

### SECTION VI – EMERGENCY AND FIRST AID PROCEDURES

**Ingestion:** Contains ALCOHOL and GLYCOL. If swallowed, call a physician immediately. Do not induce vomiting.

**Eye Contact:** Flush with plenty of clean flowing water for at least 15 minutes.

**Skin Contact:** In case of skin contact, remove promptly by wiping followed by waterless hand cleaner and soap and water.

**Inhalation:** If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required.

**Other:** If any of the following occur during or following use of this product, contact a poison control center, emergency room or physician immediately have your material safety data sheets available. Ingestion, excessive exposure to a corrosive material, persistent skin /eye irritation or breathing difficulties.

### SECTION VII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal Protective Equipment For:** Eye protection: wear chemical type splash goggles or full-face shield. Skin protection: wear protective clothing, including impermeable apron and gloves constructed of: nitrile rubber, neoprene, rubber or polyvinyl alcohol.

**Respiratory Protection:** Over exposure to vapors may be prevented by ensuring ventilation controls, vapor exhaust or fresh air entry.

NIOSH/MSHA approved (TC-23C-) paint spray or air supplied (TC-13C-) respirators may also reduce exposure. In all cases, read the manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which in respirator is effective and how it is properly fitted.

**Other Equipment:** Clean or discard contaminated clothing and shoes.

**Ventilation Requirements:** Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in section II below the longest exposure limits. The lcl in section IV below the stated limit, and to remove decomposition products during welding and flame cutting on surfaces coated with this product.

### SECTION VIII – STABILITY AND REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Not expected to occur

Incompatibility (Materials and conditions to avoid): Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.



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Hazardous Decomposition Products: May produce hazardous decomposition products when heated, welding, brazing or flame-cutting on surfaces coated with this product may produce fumes INCLUDING Carbon Monoxide.

### SECTION IX – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Provide maximum ventilation. Only personnel equipped with proper respiratory and skin and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sawdust, vermiculite, or other absorbent material and place into containers for disposal.

Waste Disposal Method: Waste material must be disposed of in accordance with federal, state, and local environmental control regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

### SECTION X – HANDLING AND STORAGE

Handling And Storage Precautions: Protect from freezing. Do not store above 120°F, store large quantities in buildings designed and protected for storage of NFPA class to flammable liquids.

Other Precautions: If this material is part of a multiple coating system, read the material safety data sheet(s) for the other component or components blending as the resulting mixture may have the hazards of all its parts. Containers should be grounded when pouring avoid free fall of liquids in excess of a few inches. All chemical substances in this product comply with all applicable rules or orders under the environmental protection agency's toxic substance control act.

This material safety data sheet has been prepared in accordance with the OSHA hazard communication standard (29 CFR 1910.1200).

U/I = Unknown Information

NOT EST = Not Established

N/A = Not Applicable

### SECTION XI– DISCLAIMER

The user's attention is drawn to the risks brought upon by the misuse of the product. This data sheet does not exempt the user from knowing and applying the regulations corresponding to his activity. It is his own responsibility to take the precautions according to his used of the product.

**For industrial use only. Keep this and all chemicals out of the reach of children.**

Drytac Corporation makes no warranty, expressed or implied, as to the accuracy or liability of the information and data contained herein. It is believed to be accurate at the time of preparation and has been obtained from sources believed to be generally reliable. No warranty or liability for the accuracy is made and no liability will be assumed for claims arising from any party's use of or reliance on information or recommendations contained herein. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Drytac Corporation urges the customer receiving this material safety data sheet to study it carefully to become aware of hazards, if any, of the products involved. In the interest of safety, you should (1) Notify your employees, agents and contractors of the information on this sheet, (2) Furnish a copy to each of your customers for this product, and (3) Request your customers to inform their employees, customers, and agents as well.