

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

PRODUCT NAME: SHAFT-LAC INDUSTRIAL ENAMEL  
 PRODUCT CODE: 3396 SATIN BLACK

HMIS CODES: H F R P  
 2\*3 0

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

MANUFACTURER'S NAME: ELLIS PAINT CO.

ADDRESS : 3150 E. PICO BLVD.  
 LOS ANGELES, CA 90023-3683

EMERGENCY PHONE(CHEMTREC) : (800) 424-9300      DATE PRINTED : 3/12/2009  
 INFORMATION PHONE : (323) 261-8114      NAME OF PREPARER :

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	
		mmHG	@TEMP (F)
ACETONE	67-64-1	185.5	68
OSHA PEL: 1000 ppm; 2,400 mg/m3			
OSHA TWA: 750 ppm; 1,800 mg/m3			
OSHA STEL: 1000 ppm; 2,400 mg/m3			
ACGIH TWA: 500 ppm, STEL: 750 ppm			
~ PARACHLOROBENZOTRIFLUORIDE	98-56-6	5.3	68
OSHA PEL: NE, ACGIH TLV: NE			
~ METHYL PROPYL KETONE	107-87-9	28	68
OSHA PEL: 200 ppm, ACGIH TLV: 200 ppm			
VM&P NAPHTHA	8032-32-4	9.8	68
OSHA PEL: 300 ppm, ACGIH TLV: 300 ppm			
MINERAL SPIRITS,MED.ALIPHATIC SOLVENT NAPHTHA	64742-88-7	1.1	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
CARBON BLACK(as unbound particles of carbon)	1333-86-4	NA	NA
~ TOLUENE	108-88-3	21.8	68
OSHA PEL: 200 ppm, ACGIH TLV: 100 ppm			
~ XYLENE (MIXED ISOMERS)	1330-20-7	6.1	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
~ ETHYL BENZENE	100-41-4	10	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			

~Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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

BOILING RANGE (Deg F): 133 - 330

DENSITY: 8.42 lb/gal

VAPOR DENSITY: HEAVIER THAN AIR

SPECIFIC GRAVITY (H2O=1): 1.01

COATING V.O.C.: 2.2 lb/gal

MATERIAL V.O.C.: 1.63 lb/gal

COATING V.O.C.: 264 g/l

MATERIAL V.O.C.: 195 g/l

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: SLOWER THAN ETHER

APPEARANCE AND ODOR: Black liquid with mild odor

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

FLASH POINT (Deg F): 1                      METHOD USED: TOC  
FLAMMABLE LIMITS IN AIR BY % VOLUME- LOWER: .9                      UPPER: 12.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Use approved self-contained breathing apparatus. Do not use direct stream of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Flammable liquid! Fire-exposed containers should be cooled with water to prevent pressure build-up which could result in container rupture. Shut-off any leak if safe to do so and remove sources of ignition.

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

STABILITY: STABLE

CONDITIONS TO AVOID

Temperatures greater than 260 °C. Avoid contact with ignition.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Inhalation: May cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in narcosis.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye contact: May cause severe irritation, redness, tearing and blurred vision.

Skin contact: May cause moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption: May cause irritation, de-fatting and dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause eye, nose and skin irritation, headache, dizziness and nausea. Ingestion may result in vomiting; aspiration of liquid into the lungs may result in aspiration pneumonitis. Chronic: Long term exposure may lead to central nervous system depression and dermatitis.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: No  
This material contains ethylbenzene which is classified as "possibly  
carcinogenic to humans" (2B) by IARC. This material contains carbon black,  
which is classified as a possible carcinogen for humans (2B) by IARC.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing eye, skin and respiratory disorders may be aggravated.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT.  
SPLASH (EYES): FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST  
15 MINUTES. SPLASH (SKIN): WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE  
CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS  
SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE  
LUNGS. GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

PROVIDE VENTILATION. LARGE SPILLS MAY BE SCOOPED UP. SMALL SPILLS MAY BE PICKED  
UP WITH ABSORBENT MATERIALS.

WASTE DISPOSAL METHOD

Place in tightly closed containers. Incinerate or dispose of in accordance with  
local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away from heat, sparks and open flames. Keep containers tightly closed  
when not in use. Use with adequate ventilation.

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged contact. Ground equipment to prevent  
accumulation of static charge.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

Use self-contained breathing apparatus where vapor concentration may be above  
TLV limits. Below TLV limits, use a combination vapor and particulate respirator  
for spray application or a vapor respirator for non-spray applications.

VENTILATION

Adequate volume and pattern to keep air contaminant concentration below current  
applicable OSHA or ACGIH TLV limits.

PROTECTIVE GLOVES

Chemical resistant gloves

EYE PROTECTION

Chemical goggles, safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Eye bath and safety shower

WORK/HYGIENIC PRACTICES

Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

===== SECTION IX - TRANSPORT INFORMATION =====

DOT (GROUND)

1.3 gallons (5 liters) or less:  
UN1263,Paint,3,PGII, "Ltd. Qty."

Greater than 1.3 gallons (5 liters):

UN1263, Paint,3,PGII

AIR

UN1263,Paint,3,PGII

===== SECTION X - REGULATORY INFORMATION =====

CALIFORNIA PROPOSITION 65

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Contains: Toluene -

This product contains a chemical known to the State of California to cause cancer.

Contains: Carbon Black - Ethylbenzene -

===== SECTION XI - DISCLAIMER =====

The information contained herein is based on the data available to us and is believed to be correct. However, ELLIS PAINT CO. makes no warranty expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. ELLIS PAINT CO. assumes no responsibility for injury from the use of the product described herein.