

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: HIGH HEAT COATINGS
PRODUCT CODE: 983 ALUMINUM

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 : 1/13/2010
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			
* ALUMINUM	7429-90-5	NA	NA
ACGIH TLV: 10 mg/m3 OSHA PEL: 5 mg/m3			
MINERAL SPIRITS,MED.ALIPHATIC SOLVENT NAPHTHA	64742-88-7	1.1	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
METHYL AMYL KETONE , 2-HEPTANONE	110-43-0	2.14	68
ACGIH TLV: 50 ppm			

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

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

BOILING RANGE (Deg F): 133 - 4766	DENSITY: 8.64 lb/gal
VAPOR DENSITY: HEAVIER THAN AIR	SPECIFIC GRAVITY (H2O=1): 1.04
COATING V.O.C.: 3.45 lb/gal	MATERIAL V.O.C.: 2.21 lb/gal
COATING V.O.C.: 414 g/l	MATERIAL V.O.C.: 264 g/l
SOLUBILITY IN WATER: Negligible	EVAPORATION RATE: SLOWER THAN ETHER
APPEARANCE AND ODOR: Silver metallic 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: .035oz/f UPPER: 12.8

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

SPECIAL FIREFIGHTING PROCEDURES
Use approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat. Fire-exposed containers should be cooled with water to prevent pressure build-up.

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

STABILITY: STABLE

CONDITIONS TO AVOID

Avoid heat, sparks and open flames. Prevent vapor accumulation.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid contact with 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: Excessive inhalation of vapors 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 skin irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Causes gastrointestinal irritation; symptoms may include nausea, vomiting and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause eye, nose, skin and respiratory tract irritation, headache, dizziness, drowsiness and nausea. High concentrations may cause narcosis.
Chronic: Long term exposure may lead to dermatitis.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: No
This material contains a cobalt compound, 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 and dispose of in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away from high temperatures, sparks and open flame. Keep containers tightly closed, aluminum can cause the lid to pop open.

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. Where vapor does not exceed TLV limits, use NIOSH/MSHA approved respirator.

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

None

===== 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.