

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

24-hour Emergency Phone: 1-800-633-8253

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PRODUCT CODE: 8HES3313

PRODUCT NAME: 8-HES-3313 GLOSS BLACK

HMS CODES: H C F R P
 2 3 0 J

PRODUCT CODE: 8HES3313

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

MANUFACTURER'S NAME: P.F.I. , INC. - PAINTS FOR INDUSTRY
 ADDRESS : 9215 SANTA FE SPRINGS RD.
 SANTA FE SPRINGS, CA, 90670
 INFORMATION PHONE : (562) 946-6666

DATE PRINTED : 6/4/2009

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@TEMP (F)	WEIGHT PERCENT
MINERAL SPIRIT	8052-41-3	2	68	19
OSHA TWA: 500 PPM, ACGIH TWA: 100 PPM				
ACETONE	67-64-1	185	68	4
OSHA TWA: 1000 PPM-T, ACGIH TWA: 750 PPM				

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

IN ACCORDANCE WITH THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986(SARA)
 THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

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

BOILING RANGE: 133.0 deg F TO 315.0 deg F	SPECIFIC GRAVITY (H2O=1): 0.9424
VAPOR DENSITY: HEAVIER THAN AIR	EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 339 Gms/Lit	MATERIAL V.O.C.: 320 Gms/Lit
COATING V.O.C.: 2.8 Lbs/Gal	MATERIAL V.O.C.: 2.6 Lbs/Gal
SOLUBILITY IN WATER: SOLUBILITY BP	
APPEARANCE AND ODOR: APPEARANCE BP	

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

FLASH POINT: -4.00 deg F METHOD USED: TCC
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0 UPPER: 12.8

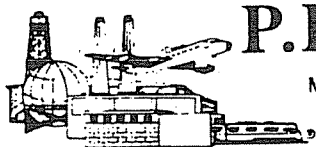
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

Water may be ineffective on fire but water spray may be used to cool closed containers exposed to extreme heat or fire to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep away from heat, sparks and open flame. Closed containers may explode when exposed to extreme heat or fire. Do not apply to hot surfaces.



MATERIAL SAFETY DATA SHEET

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

**STABILITY: STABLE
CONDITIONS TO AVOID**

Excessive heat, poor ventilation, corrosive atmospheres.

INCOMPATIBILITY (MATERIALS TO AVOID)

Alkaline materials, strong acids, and oxidizing materials.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon monoxide, carbon dioxide, oxides of nitrogen.

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. Do not breathe vapors or spray mist.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

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

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption: May cause irritation, defatting, and dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Do not ingest, eat, swallow, or chew this product or its dried film.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause eye, nose, respiratory tract and skin irritation, headache, drowsiness, and nausea. Ingestion may result in vomiting; aspiration (breathing-in) into lungs may result in aspiration pneumonitis. Chronic: Long term exposure may lead to central nervous system depression and dermatitis.

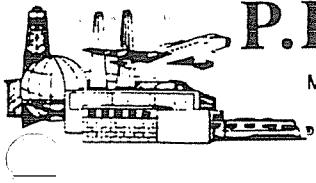
CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

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 20 minutes and see a doctor. 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.



P.F.I., INC. - PAINTS FOR INDUSTRY

Manufacturers of Aqua-Lac® & Innovative Coatings

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MATERIAL SAFETY DATA SHEET

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate area. Mop up spills with inert absorbent material.

WASTE DISPOSAL METHOD

Dispose in accordance with all federal, state, and local regulations. Do not incinerate closed containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Use non-sparking utensils when handling this material. Avoid hot metal surfaces. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames. Do not smoke.

OTHER PRECAUTIONS

Ingestion and vomiting may cause aspiration via hydro carbon liquid into the lungs and cause pneumonitis and pulmonary edema/hemorrhage.

WARNING: THIS PRODUCT AND ITS VAPORS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

When using this material use a NIOSH/MSHA 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 self-contained breathing apparatus.

VENTILATION

General mechanical ventilation or local exhaust may be suitable to keep vapor concentration below TLV. Ventilation equipment must be explosion proof. The use of air monitoring equipment is recommended. Do not breath vapors or mist.

PROTECTIVE GLOVES

Use impermeable chemical handling gloves for skin protection.

EYE PROTECTION

Use chemical safety glasses, goggles, and faceshields for eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

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

WORK/HYGIENIC PRACTICES

Eye washes and safety showers in the workplace is recommended.

SECTION IX - DISCLAIMER

DISCLAIMER

The information contained herein is based on the data available to us and is believed to be correct. However, P.F.I., Inc. makes no warranty expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. PFI, INC. disclaims responsibility for damages of any kind resulting from this information or this product.