

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 3-2572 CONTENDER ENAMEL #682 BLACK
PRODUCT CODE: 000000000000032572

HMIS CODES: H F R P
1 0 0

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER: DAVIS PAINT COMPANY
ADDRESS: 1311 IRON STREET
P.O. BOX 7589
N. KANSAS CITY, MO 64116
EMERGENCY PHONE: (816) 471-4447
INFORMATION PHONE: (816) 471-4447
**FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT – CONTACT CHEMTREC
PHONE: (800) 424-9300**

DISTRIBUTOR: HILLYARD INDUSTRIES
ADDRESS: 302 NORTH FOURTH STREET
ST. JOSEPH, MO 64501
<http://www.hillyard.com>
DATE PRINTED: 01/15/04
NAME OF PREPARER: Sandy Haskins

SECTION II - INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
*# ETHYLENE GLYCOL OSHA TWA: C50 PPM, ACGIH TLV: C50 PPM, DAVIS (REC): C100 mg/m3	107-21-1	.08	68	5.2
*# DIETHYLENE GLYCOL MONOBUTYL ETHER OSHA TWA: N/A, ACGIH TLV: N/A, DAVIS (REC): 35 PPM	112-34-5	.02	68	4.2
CARBON BLACK OSHA TWA: 3.5 mg/m3, ACGIH TLV: 3.5 mg/m3, DAVIS (REC): 3.5 mg/m3	1333-86-4	0	68	3.12
* AQUA AMMONIA, 19% OSHA PEL: 50 PPM, ACGIH TLV: 25 PPM, DAVIS (REC): 25 PPM	007664-41-7	720	80F	2.3
PROPYLENE GLYCOL	57-55-6	.22	68	1% - 5%

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

Indicates chemical(s) is defined as a HAP's by the EPA, and subject to the reporting requirements of Section 112 of the Clean Air Act.

This material may contain ingredients covered by the California "Safe Drinking Water and Toxic Enforcement Act of 1986".

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 83 - 446 deg F
VAPOR DENSITY: HEAVIER THAN AIR
COATING VOC: 1.64 lb/gl, 196 g/l
SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY (H₂O=1): 1.06
EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL VOC: 0.79 lb/gl, 95 g/l
APPEARANCE AND ODOR: Liquid, mild odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 218 deg F (Theoretical, by lowest flashing solvent).

FLASH POINT (TCC): 200+ deg F (Actual). Does not exhibit flash.

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: .085 **UPPER:** 25

EXTINGUISHING MEDIA: FOAM, CO₂, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: None known. However, fire fighters should wear self contained breathing apparatus to avoid inhalation if material is involved in a general fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers exposed to extreme heat may rupture due to pressure buildup. Product will not burn but may spatter if temperature exceeds boiling point of product. Dried finish can burn, giving off oxides of carbon.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: Excessive heat, poor ventilation, excessive aging.

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition or combustion can produce fumes of carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Vapor or mist can cause headache, nausea and irritation of the nose, throat and lungs in poorly ventilated areas.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Skin Contact: Irritating to the skin on repeated or prolonged contact. Eye Contact: Direct contact may cause eye irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: No adverse effects from available information.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause gastrointestinal irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are listed above. No known chronic effects.

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

This product contains carbon black which has been identified as possibly carcinogenic to humans (IARC Group 2B - Based on sufficient evidence for carcinogenicity in laboratory animal studies, but inadequate evidence for cancer in exposed humans).

Normal application procedures pose minimal hazard since the carbon black is wet and encapsulated. Risk of cancer may be reduced by following recommended ventilation/control practices, keeping below TWA and/or TLV values listed in section 2.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting eye, skin and respiratory disorders.

EMERGENCY AND FIRST AID PROCEDURES: Inhalation- Move person to fresh air. Eye contact- Flush immediately with a large amount of water for at least 15 minutes and get medical attention. Skin contact- Wash thoroughly with soap and water while removing contaminated clothing and shoes. Ingestion- Do not induce vomiting! Contact physician or your local poison control center immediately.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike spill area and add absorbent earth, sand or sawdust to spilled liquid. Keep out of sewers.

WASTE DISPOSAL METHOD: Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers. Incinerate in approved facility. Obey relevant laws.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers tightly closed when not in use. Store in cool well ventilated areas away from heat and out of direct sunlight. KEEP FROM FREEZING!!! Wash thoroughly after handling.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged breathing of vapor or spray mist. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Wash hands after using and before smoking or eating. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned or destroyed.

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

RESPIRATORY PROTECTION: Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during the use of this product until vapor and mists are exhausted, unless air monitoring demonstrates vapor and mist levels are below applicable exposure limits. Observe OSHA Standard 29CFR 1910.134.

VENTILATION: Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below applicable exposure limits. Refer to OSHA Standard 29 CFR 1910.94.

PROTECTIVE GLOVES: Polyethylene handling gloves for skin protection. Must be impervious to water and soap.

EYE PROTECTION: Use chemical safety glasses or goggles (ANSI 287.1-1968).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Provide eyewash station and emergency shower. Use of protective creams, head caps, etc. is recommended. Avoid contact with contaminated clothing.

WORK/HYGIENIC PRACTICES: Wash hands before eating or using washroom, smoke in smoking areas only.

===== SECTION IX - DISCLAIMER =====

To the best of our knowledge, the information contained herein is based on data considered accurate. No warranty expressed or implied is made. Davis Paint assumes no responsibility for damage to person, property or business caused by the material. It is the responsibility of the purchaser or user of the material to ensure that it is properly used.