
_ MATERIAL SAFETY DATA SHEET _

Vibrant Stain

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

HMIS CODES:

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PRODUCT NAME : Vibrant Stain (All Vibrant Stains)
IDENTIFICATION NUMBER : MF1579
PRODUCT USE/CLASS : Resin Stain
Advantage Coatings
2350 W. Midway Blvd.
Broomfield, CO. 80020

EMERGENCY TELEPHONE: (720) 940-6438
PREPARED BY: SAFTY AND COMPLIANCE DEPT.

INFORMATION PHONE: (720) 940-6438
PREPARE DATE: 04/16/08

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT% IN RANGE	VAPOR PRESSURE MM Hg	@TEMP
01	Proprietary Resins OSHA PEL 100ppm, ACGIH TLV: 100ppm		70-75%	N/A	N/A
02	Proprietary Solvent OSHA PEL 80MG/M3	N/A	20-<30		
03	Aliphatic Hydrocarbons OSHA PEL: 500ppm, ACGIH TLV: 100ppm	8052-41-3	0-<3		
04	Aliphatic Hydrocarbons ACGIH TLV: 5MG/M3	1309-37-1	0-<3		
05	Carbon Black (Carcinogen as respirable dust is sanded or ground) ACGIH TLV:3.5MG/M3 TWA OSHA PEL 3.5/MG TWA	1333-86-4	.1-<5		
06	Xylene(mixed isomers) PEL/TLV 100ppm;STEL 150	1330-20-7	.1-<.5		

SECTION 3 –HAZARDS IDENTIFICATION

May cause irritation to skin, eyes, and respiratory system.

Eye:

May cause mild eye irritation. Symptoms include stinging, tearing, redness and possible blurred vision.

Skin:

Can cause skin irritation. Prolonged contact may dry skin. Symptoms include redness, burning, drying, cracking of skin, burns and other skin damage.

Ingestion:

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.

Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even death.

Chronic (Cancer) Information:

Based on available information this material cannot be classified as a carcinogen. It has been shown to cause cancer in animals but its relevance to humans is uncertain. IARC has classified Ethyl benzene as a possible carcinogen.

Teratology (Birth Defect) Information:

No Information.

Reproductive Information:

No information.

SECTION 4-FIRST AID MEASURES

EYES:

Flush with water, for 15 minutes. Rest eyes 30 minutes. If redness, swelling or burning persist consult physician.

SKIN:

Remove contaminated clothing wash contact area with soap and water. Get medical attention if an adverse reaction results.

INGESTION:

Do not give anything by mouth if drowsy or unconscious contact physician for advise on whether to induce vomiting.

INHALATION:

Remove victim to fresh air, provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

NOTE TO PHYSICIANS: INHALATION OF HIGH CONCENTRATIONS OF THIS MATERIAL, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. This material is an aspiration hazard. Danger from aspiration vs. oral toxicity must be considered when deciding to induce vomiting. Preexisting disorders may be aggravated by exposure including: skin, lungs, liver, kidney, nervous system, male reproductive system immune system and auditory system. Preexisting heart disorders may be susceptible to arrhythmias if exposed to high concentrations.

- SECTION 5 – FIRE AND EXPLOSION HAZARD DATA -

FLASH POINT: 105 Deg F. METHOD: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME-LOWER: 0.9% UPPER: 6.0%

AUTOIGNITION TEMPERATURE: 450 Deg. F.
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE DEMAND MODE. MSHA/NIOSH-APPROVED OR EQUIVALENT AND FULL PROTECTIVE GEAR WITH FULL FACE PIECE.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide, Carbon Monoxide and toxic vapors.

- SECTION 6-ACCIDENTAL RELEASE MEASURES -

SMALL SPILL:

Eliminate all ignition sources. Dike area and absorb material with vermiculite or other absorbent, or pump material into tank for reuse or proper disposal.

LARGE SPILL:

Eliminate all ignition sources. Stop spill at source, prevent from entering drains, sewers, streams etc. Pump or vacuum transfer product to clean containers. Absorb balance, transfer absorbent, soil etc. To containers for disposal. If runoff occurs notify authorities.

- SECTION 7–HANDLING AND STORAGE -

HANDLING:

ACUTE: See Above. Chronic: Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. INTENTIONAL MISUSE OR DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL. ***Cancer warning: Calif: Proposition 65: This product contains chemicals know to the State of California to cause BIRTH DEFECTS OR REPRODUCTIVE HARM.***

STORAGE:

STORE AWAY FROM HEAT, SPARKS, OPEN FLAME AND FIRE. SO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED FOR STORAGE OF NFPA CLASS II COMBUSTIBLE LIQUIDS.

- SECTION 8 – CONTROL MEASURES -

RESPIRATORY PROTECTION:

IF EXPOSURE LIMITS ARE EXCEEDED OR IF APPLIED BY SPRAYING, USE APPROPRIATE, PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR. REFER TO OSHA 29 CFR 1910-134 “RESPIRATOR PROTECTION.”

VENTILATION:

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW THE LOWEST STATED TLV.

PROTECTIVE GLOVES:

WEAR RESISTENT GLOVES SUCH AS NITRILE RUBBER OR NEOPRENE.

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

WORK/HYGENIC PRACTICES:

EYE WASH AND SAFTY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 300-400 DEG F.

MELTING POINT: NOT DETERMINED

VAPOR PRESSURE: 2.0 MMHG @ 60 DEG F

VAPOR DENSITY: HEAVIER THAN AIR.

SOLUBILITY IN WATER: INSOLUBLE

SPECIFIC GRAVITY: .98

PH: N/A

ODOR: ODOR CHARACTERISTIC OF HYDROCARBON SOLVENT

APPEARANCE: PRODUCTS IN THIS MSDS CLASSIFICATION MAY VARY FROM A VISCOUS TRANSPARENT LIQUID TO AN OPAQUE SEMI-PASTE.

SECTION 10-STABILITY AND PHYSICAL HAZARDS

Chemical Stability:

Stable

Incompatibility:

Strong Oxidizing Agents

Hazardous Decomposition Products:

May form Toxic Materials: Carbon Dioxide and Carbon Monoxide

Hazardous Polymerization:

Not expected to occur.

SECTION 11-TOXICOLOGICAL INFORMATION

EYE:

No Information

SKIN:

Mineral Spirits LD50 15.4 G/KG (Rabbit)

INGESTION:

MINERAL SPIRITS LD50 34600 MG/KG (Rat)

INHALATION:

Mineral Spirits: LC50 21400 MG/M3/4H (Rat)

SUBCHRONIC:

No information

CHRONIC/CARCINOGENICITY:

No data

TERATOLOGY:

No information

REPRODUCTION:

No Information

MUTAGENICITY: No information

SECTION 12-ECOLOGICAL INFORMATION

ECOTOXICAL INFORMATION:

No Information

CHEMICAL FATE INFORMATION:

No Information

SECTION 13-DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations. Contact local chemical waste company for further information.

SECTION 14-TRANSPRT INFORMATION (NOT INCLUSIVE)

DOT Description, Petroleum Distillates, N.O.S., Combustible Liquid, UN 1268 III

SECTION 15-REGULATORY INFORMATION (NOT INCLUSIVE)

U.S. Federal Regulation:

This product an/or all of its components are either included on or exempt from TSCA inventory of Chemical substances.

OSHA:

Not listed

CERCLA: SARA Hazard Category:

Section 311/312 Hazard Class, Immediate, Delayed, Fire.

Section 313:

***Component (s)** Reportable as SARA Title III section 313 Chemical (s). *

International Regulations:

Canadian WHIMS:

B3, D2A, D2B

Canadian Environmental Protection Act (CEPA)

Components of this product on the domestics substances list are exempt from reporting under the new substances notification regulations

EINECS: The international ingredients are listed.

State Regulations:

None listed

Volatile Organic Compounds:

Contains <550 GM/L.

- SECTION 16 – DISCLAIMER -

WE BELIEVE THAT THE INFORMATION IN THIS MSDS SHEET IS ACCURATE, HOWEVER, BECAUSE THIS MATERIAL CAN BE USED UNDER CONDITIONS OVER WHICH WE HAVE NO CONTROL, WE GIVE NO WARRENTY, EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE INFORMATION, AND ASSUME NO RESPONSIBILITY FOR DAMAGE TO PERSON, PROPERTY, OR BUSHINESS ARISING FROM ITS USE.

Reference #105-05