MATERIAL SAFETY DATA SHEET

DE-INK
PRODUCT CODE: 4995
DATE: 7/16/07
SUPERCEDES: 7/1/06

HAZARD RATINGS (0-4)
FIRE 3 REACTIVITY 0
TOXICITY 3 SPECIAL

SUPPLIER: Suede Products
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INFOTRAC: (800) 535-5053

TRADE NAME: DE-INK
PRODUCT TYPE:
CHEMICAL FORMULA: Blend
CHEMICAL NAME: N/A

COMPONENT LIST - SECTION I - A

COMPONENT	EPC#	%
Diethylene Glycol Butyl Ether	190	80.39
Ethyl Acetate	173	14.18
Amine Alkylbenzene Sulfonate	636	5.42

>> None of the components of this product are recognized as carcinogenic.

OCCUPATIONAL EXPOSURE LIMITS - SECTION I - B

NO.	(OSHA)	PEL/TWA	PEL/CEILING
1		N/E	N/E
2		400 ppm	N/E
3		N/E	N/E
NO.	(OSHA)	PEL/STEL	SKIN*
1		N/E	N/E
2		N/E	N
3		N/E	N
NO.	(ACGIH)	TLV/TWA	TLV/CEILING
1		N/E	N/E
2		400 ppm	N/E
3		N/E	N/E
NO.	(ACGIH)	TLV/STEL	SKIN*
1		N/E	N/E
2		N/E	N
3		N/E	N

* (SKIN) Absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact. (Y = YES N = NO N/E = NOT ESTABLISHED)

PHYSICAL PROPERTIES - SECTION II

BOILING POINT: 171° F
VAPOR DENSITY: > 1
SOLID (% WT): 5.42 (theoretical)
SPECIFIC GRAVITY: 0.95 (theoretical)
EVAPORATION RATE: < 1
(Boiling point represents boiling point of lowest boiling raw material.)

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: 50° F TCC

EXTINGUISHING MEDIUM: Use water fog, foam, dry chemical or CO_2

SPECIAL FIRE FIGHTING PROCEDURES:

WARNING: FLAMMABLE. Clear fire area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Containers that are exposed to direct flame should be cooled with water to eliminate structural weakening of the container's wall and possible rupture.

HEALTH HAZARDS - SECTION IV

Eye Contact - Based on the presence of component 1 product is presumed to be moderately irritating to the eyes. Exposure may cause corneal injury. Based on the presence of components 2 and 3 product vapors and/or mists may also be irritating to the eyes.

Skin Contact - Exposure may produce skin irritation. Based on the presence of component 1 absorption through the skin may result in symptoms of exposure as those described for inhalation and ingestion. Based on the presence of components 2 and 3 prolonged contact may result in defatting and drying of the skin which may result in dermatitis.

Inhalation - Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Based on the presence of components 1 and 2 exposure to high concentrations of vapor may produce central nervous system depression.

Ingestion - Based on the presence of components 1, 2 and 3 product is presumed to be slightly toxic. Based on the presence of components 1 and 2 ingestion may cause central nervous system depression.

SIGNS AND SYMPTOMS

Symptoms of eye irritation include pain, tearing, reddening and swelling. Symptoms of skin irritation include reddening, swelling, rash and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting and diarrhea. Based on the presence of components 1 and 2 central nervous system depression may be evidenced by headache, dizziness, nausea and symptoms of intoxication; in extreme cases, unconsciousness and death may occur. Symptoms of chronic overexposure include loss of memory, loss of intellectual ability and loss of coordination.

AGGRAVATED MEDICAL CONDITIONS

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product. Impaired central nervous system functions from pre-existing disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS

Based on the presence of component 1 repeated excessive ingestion may cause central nervous effects.

EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention if any symptoms persist.

Skin Contact: Remove contaminated clothing and shoes. Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation occurs. Do not reuse clothing until thoroughly decontaminated.

Inhalation: Remove victim to fresh air and treat symptomatically. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Seek prompt medical attention.

Ingestion: Dilute with two glasses of water unless the victim is unconscious or very drowsy. Induce vomiting by giving two tablespoons of Ipecac or by touching a finger to the back of the victim's throat. Keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital or poison control center and/or transport to an emergency facility immediately.

NOTES FOR PHYSICIAN

The following component-specific information may contain contradictions, and is intentionally included to give the attending physician specific information about the individual components of the blend. >>Components 1 and 2 are toxic and the proper first aid is to induce vomiting.

REACTIVITY - SECTION V

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS AND MATERIALS TO AVOID:

Based on the presence of components 1, 2 and 3 avoid oxidizing materials. Based on the presence of component 1 avoid strong acids. Based on the presence of component 3 avoid alkaline materials. Based on the presence of component 1 avoid amines, polyamines and polyamides under uncontrolled conditions.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides and compounds of nitrogen, oxides and compounds of sulfur, carbon dioxide, carbon monoxide and unidentified organic compounds may be formed during combustion.

SPILLS OR LEAK PROCEDURE - SECTION VI

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Large spills - Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above.

Small spills - Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL METHODS:

Observe all federal, state and local regulations regarding proper disposal.

SPECIAL PROTECTION - SECTION VII

VENTILATION TYPE: Use ventilation as required to control vapor concentrations - at least 10 air changes per hour are recommended for good general room ventilation.

RESPIRATORY PROTECTION: If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

PROTECTIVE CLOTHING: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

OTHER PROTECTIVE MEASURES: Eye wash fountains and safety showers should be available for use in an emergency.

STORAGE AND HANDLING - SECTION VIII

Keep liquid and vapor away from heat, sparks, and flame. Extinguish pilot lights, cigarettes and turn off other possible sources of ignition prior to use and until vapors are gone. Surfaces that are sufficiently hot may ignite product in the absence of sparks or flame. Vapors may accumulate and travel to ignition sources distant from handling site. Keep containers closed when not in use. Use with adequate ventilation. Containers, even if empty, can contain explosive vapors or residue. Do not cut, drill, grind or weld near containers.

After contact with product or container wash with soap and water before eating, drinking, smoking, or using toilet facilities.

SHIPPING - SECTION IX

PROPER SHIPPING NAME: Flammable Liquids, N.O.S. (Ethyl Acetate Solution)
U.S. DOT HAZARD CLASS: 3, UN1993, PG II
LABEL REQUIREMENTS: Flammable

MISCELLANEOUS - SECTION X

Under the provisions of Title III, Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372, the following components may be subject to reporting:

Diethylene Glycol Butyl Ether (CAS # 000112-34-5) 80.39 WT %

ABBREVIATIONS:	N/A: Not applicable	UNK: Unknown
	N/D: Not determined	< : Less than
	N/E: Not established	> : Greater than

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

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