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| M A T E R I A L   S A F E T Y   D A T A   S H E E T |
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|           SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION           |
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PRODUCT NAME : CAMIE 380 SCREEN PRINTERS ADH.  
 IDENTIFICATION NUMBER: FCA380 DATE PRINTED: 02/11/03  
 PRODUCT USE/CLASS :

SUPPLIER: MANUFACTURER:  
 Camie-Campbell Camie-Campbell  
 9225 Watson Industrial Park 9225 Watson Industrial Park  
 St. Louis, MO 63126 St. Louis, MO 63126

EMERGENCY TELEPHONE: 800-424-9300 EMERGENCY TELEPHONE: 800-424-9300  
 24 HOUR EMERGENCY PHONE 24 HOUR EMERGENCY PHONE

PREPARER: JLM, PHONE: 314/968-3222, PREPARE DATE: 02/11/03  
 REPLACES DATE: 01/31/00

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|           SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS           |
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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	HEXANE	110-54-3	50.0 %
02	ACETONE	67-64-1	15.0 %
03	DIMETHYL ETHER	115-10-6	10.0 %
04	ISOBUTANE	75-28-5	10.0 %
05	PROPANE	74-98-6	10.0 %

ITEM	EXPOSURE LIMITS					
	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	50 ppm	N.E.	500 ppm	N.E.	N.E.	NO
02	500 ppm	750 ppm	1000 ppm	N.E.	N.E.	NO
03	N.E.	N.E.	N.E.	N.E.	1000 ppm	NO
04	N.E.	N.E.	N.E.	N.E.	1000 ppm	NO
05	2500 PPM	N.E.	1000 ppm	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

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|           SECTION 3 - HAZARDS IDENTIFICATION           |
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\*\*\* EMERGENCY OVERVIEW \*\*\*: Keep from reach of children. Do not puncture, incinerate, or place aerosol product containers in compactors. Containers of this material may be hazardous when emptied since containers retain product residues (vapor, liquid, and/or solid). All hazardprecautions given must be observed. Do not flame cut, braze or use welding torch.

Intentional misuse by deliberately concentrating and inhaling this product

(Continued on Page 2)

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Product: FCA380

Preparation Date: 02/11/03

Page 2

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 SECTION 3 - HAZARDS IDENTIFICATION
 

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may be harmful or fatal.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Can cause severe irritation, redness, tearing, blurred vision.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can cause moderate irritation defatting, dermatitis.

EFFECTS OF OVEREXPOSURE - INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Overexposure may cause damage to the nervous system.

EFFECTS OF OVEREXPOSURE - INGESTION: No Information.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: kidney damage, eye damage, liver damage, lung damage, nasal damage, nervous system damage, testis damage, Overexposure to this material (or its components) has apparently been found to cause the following effects in humans: visual impairment, central nervous system effects,

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION EYE CONTACT

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 SECTION 4 - FIRST AID MEASURES
 

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FIRST AID - EYE CONTACT: Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention.

FIRST AID - SKIN CONTACT: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use. Get medical attention if irritation persists. Mineral oil, baby oil, makeup remover, mineral spirits, or other similar mild solvent may be used to remove the sticky resin residue left by the adhesive.

FIRST AID - INHALATION: Remove individual to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention.

FIRST AID - INGESTION: Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

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 SECTION 5 - FIRE FIGHTING MEASURES
 

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FLASH POINT: -156 F  
(PENSKY-MARTENS C.C.)

LOWER EXPLOSIVE LIMIT: 1.0 %  
UPPER EXPLOSIVE LIMIT: 18.0 %

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Product: FCA380

Preparation Date: 02/11/03

Page 3

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| SECTION 5 - FIRE FIGHTING MEASURES |  
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AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignited by ignition sources at locations distant from material handling point. For aerosol products - exposure to temperatures over 130F may cause containers to burst releasing highly flammable gas.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

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| SECTION 6 - ACCIDENTAL RELEASE MEASURES |  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate sources of ignition & ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source - prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent material and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

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| SECTION 7 - HANDLING AND STORAGE |  
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HANDLING: Containers of this material may be hazardous when emptied, since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch on containers. Intentional misuse by deliberately concentrating and inhaling the vapors from this product may be harmful or fatal.

STORAGE: Do not store above 120F. Do not store in direct sunlight. Keep away from heat sources, open flame, pilot lights, sparks, and other sources of ignition. Do not store above 120F. Do not store in direct sunlight.

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| SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION |  
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ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

RESPIRATORY PROTECTION: If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations.

SKIN PROTECTION: Wear impervious gloves if method of use involves skin

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Product: FCA380

Preparation Date: 02/11/03

Page 4

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 SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION
 

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contact with product. Consult your safety supply vendor for glove recommendations.

EYE PROTECTION: Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used.

OTHER PROTECTIVE EQUIPMENT: Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations.

HYGIENIC PRACTICES: Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

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 SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
 

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BOILING RANGE	: -44 - 159 F	VAPOR DENSITY	: Is heavier than air
ODOR	: MINT WHEN WET	ODOR THRESHOLD	: N.D.
APPEARANCE	: WHITE LIQUID	EVAPORATION RATE:	Is faster than Butyl Acetate
SOLUBILITY IN H2O	: NEGLIGIBLE	SPECIFIC GRAVITY:	0.5944
FREEZE POINT	: N.D.	pH @ 0.0 %	: N.A.
VAPOR PRESSURE	: N.D.	VISCOSITY	: N.D.
PHYSICAL STATE	: LIQUID		
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.			

(See Section 16 for abbreviation legend)

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 SECTION 10 - STABILITY AND REACTIVITY
 

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CONDITIONS TO AVOID: Heat, sparks, welding arcs, open flame, pilot lights, static electricity or other source of ignition.

INCOMPATIBILITY: oxidizing agents, acids, reducing agents, strong oxidizers,

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide and carbon dioxide, various hydrocarbons, sulfur dioxide, sulfur monoxide,

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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 SECTION 11 - TOXICOLOGICAL PROPERTIES
 

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No product or component toxicological information is available.

