# MATERIAL SAFETY DATA SHEET

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REPLACES DATE: 3/12/99

### SECTION I - PRODUCT IDENTIFICATION

14 oz. JET BLACK TOUCH-UP S/S

12700021F

SECTION II - HAZARDOUS INGREDIENTS

WT. PERCENT EXPOSURE LIMITS SKIN

CHEMICAL CAS # IS LESS THAN (TV\LV-TWA)(TVL-STEL) DESIG- PRESSURE

SUSPECTED SEC

NAME 313

NATION mmHg 20c CARCINOGEN

DICHLOROMETHANE 75-09-2

60%

50 PPM NO INFO

NO 355.0

YES YES PROPANE/ISOBUTANE 68467-86-80

NOT AVAIL.1000 PPM

NO NO 35%

70.0

TOLUENE YES

108-88-3 10%

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100 PPM 150 PPM

NO

22.0 Ø

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO HTE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

N.A. - NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING RANGE : 250-500 FVAPOR DENSITY : IS HEAVIER THAN AIR

ODOR : CHLORINATED APPEARANCE : BLACK

**EVAPORATION RATE: IS SLOWER THAN ETHER** 

VOLATILE BY WEIGHT: 98.8%

SOLUBILITY : NEGLIGIBLE

VOLATILE BY VOLUME: 97.2%

PRODUCT DENSITY: 7.3 LBS/GAL (U.S.)

SECTION IV - FIRE AND EXPLOSION HAZARD DATE

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FLAMMABILITY CLASSIFICATION:

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FLASH POINT: -50 F LEL: 1.2%

(TAGLIABUE CLOSED CUP) UEL: 22.0%

OSHA - FLAMMABLE LIQUID - CLASS IB DOT - CONSUMER COMMODITY ORM-D

EXTINGUISHING MEDIA: WATER FOG FOAM CARBON DIOXIDE DRY CHEMICAL UNUSUAL FIRE AND EXPLOSION HAZARDS: NOT APPLICABLE

SPECIAL FIREFIGHTING PROCEDURES: WEAR A FULL FACE POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES.

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE: EYES: CAN CAUSE IRRITATION SKIN: CAN CAUSE IRRITATION. SWALLOWING: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. EXPOSURE TO METHYLENE CHLORIDE CAN RAISE THE LEVEL OF CARBON MONOXIDE IN THE BLOOD CAUSING CARDIOVASCULAR STRESS. METHYLENE CHLORIDE HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. BREATHING: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POSSIBLE UNCONSCIOUSNESS OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: LIVER ABNORMALITIES, LUNG DAMAGE.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE RECOGNIZED.

PRIMARY ROUTE(S) OF ENTRY: INHALATION DERMAL

EMERGENCY AND FIRST AID PROCEDURES: CALL PHYSICIAN IMMEDIATELY!!: IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE. IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION. IF SWALLOWED: DO NOT INDUCE VOMITING. IMMEDIATELY DRINK TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN OR TRANSPORT TO AN EMERGENCY FACILITY. IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINSTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET ATTENTION.

EFFECTS OF CRONIC OVEREXPOSURE: OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITY, LIVER ABNORMALITIES, KIDNEY DAMAGE.

SECTION VI - REACTIVITY DATA

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BIILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE, VARIOUS HYDROCARBONS, CHLORINE, ETC.

CONDITIONS TO AVOID: NONE KNOWN

# INCOMPATIBALITY: AVOID CONTACT WITH: ALUMINUM, STRONG ALKALIES.

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE,

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FLOOR ABSORBANT, OR OTHER ABSORBANT MATERIAL AND TRANSFER TO HAZARDOUS WASTE DRUM. USE NON SPARKING TOOLS WHEN REMOVING WET ABSORBANT. LARGE SPILLS: PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA UNTIL CLEANUP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA, PUT LIQUID INTO SALVAGE DRUM. ABSORB REMAINING. PREVENT RUNOFF TO SEWERS, STREAMS OR OTHER BODIES OFW ATER. IF RUNOFF OCCURS, NOTIFY AUTHORITIES AS REQUIRED.

WASTE DISPOSAL METHOD: SMALL SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEA ROOD DUCT WORK. DISPOSE OF REMAINING MATERIAL IN ACCORDANCE WITH APPLICABLE REGULATIONS. LARGE SPILL: DESTROY BY LIQUID INCINERATION WITH OFF-GAS SCRUBBER. CONTAMINATED ABSORBANT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

#### SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPORATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGHI'S TLV LIMIT.

PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. WEAR RESISTANT GLOVES SUCH AS POLYVINYL ALCOHOL, POLYETHYLENE.

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS COLTHING AND BOOTS.

HYGENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING.

# SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE AEROSOL CONTAINERS ABOVE 120 DEGREES F. DO NOT DISPOSE OF AEROSOLS IN FIRES OR TRASH COMPACTORS.

OTHER PRECAUTIONS:

SECTION X - HMIS RATING

HEALTH: 2	FLAMMABILITY: 4	REACTIVITY: 1	PERSO	ONAL PROTECTIN: I
SECTION XI - TRANSPORTATION AND STORAGE				
TRANSPORTATION AND STORAGE: DOT CLASSIFICATION: COMSUMER COMMODITY ORM-D.				
NFPA CODES:				
SECTION XII - OTHER REGULATORY INFORMATION				
OTHER REGI	ULATORY INFORMATI	ON: THIS PRODU	ICT IS SUBJECT	TO THE REPORTING

OTHER REGULATORY INFORMATION: THIS PRODUCT IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III. DISCLAIMER: THE FOREGOING INFORMATION HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT DATA IS CORRECT. STANDARDS CHANGE WITHOUT NOTICE. IT IS THE RESPONSIBILITY OF THE RECIPIENT TO ASSURE THAT THEIR PERSONNEL HAVE BEEN NOTIFIED OF ANY CHANGES WHICH MAY AFFECT THEM. THE DATA PROVIDED ON THIS MSDS ARE NOT MEANT TO BE USED AS SPECIFICATIONS, ONLY AS GUIDELINE INFORMATION AS TO THE SAFE USE OF THE PRODUCT. USER SHOULD REFER TO APPLICABLE LAWS BEFORE USE.

PROPOSITION 65 STATEMENT: THIS PRODUCT CONTAINS SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BE A REPRODUCTIVE TOXIN. PROPOSITION 65.

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.