

DATE: April 17, 2007

CARCO, INC. MATERIAL SAFETY DATA SHEET

MANUFACTURER: CARCO, INCORPORATED
NAME: P.R. PINCHAK, TECHNICAL DIRECTOR

10333 SHOEMAKER, DETROIT, MI 48213
EMERGENCY TELEPHONE NO.: (313) 925-9000

SECTION I -- IDENTIFICATION OF PRODUCT

rswV---pdw

TRADE NAME: 1000-HF (ALL COLORS) CHEMICAL FAMILY: MARKING INK

HAZARDOUS MATERIAL: INK, N.O.S. ; COMBUSTIBLE LIQUID, N.O.S. (49 CFR 172.101)

SECTION II -- HAZARDOUS INGREDIENTS

| CAS NO. | % | CHEMICAL NAMES | ACGIH (ppm) | | OSHA (ppm) | |
|------------|-----|---------------------------------|-------------|----------|------------|----------|
| | | | TLV-TWA | TLV-STEL | PEL/TWA | PEL/CEIL |
| 34590-94-8 | 85 | Dipropylene Glycol Methyl Ether | 100 | --- | 100 | --- |
| 107-98-2 | 2-5 | 1-Methoxy Propanol | 100 | 150 | 100 | --- |
| --- | | | | | | |

NO CARCINOGENIC INGREDIENTS PER 29 CFR 1910.1200 (IARC, NPT or OSHA)

ALL INGREDIENTS LISTED ON THE EPA-TSCA INVENTORY

THIS PRODUCT MEETS THE REQUIREMENTS OF THE CURRENT YEARS WSS-M99P9999-A1

SECTION III -- PHYSICAL DATA

| | | |
|-------------------------|-------------------|------------------------------------|
| APPEARANCE AND ODOR | : COLORED LIQUID; | VERY MILD ETHER-LIKE ODOR |
| BOILING POINT (init °F) | : 360° F | MATERIAL IS LIQUID |
| VAPOR PRSSURE (mm Hg) | : < 0.6mm | SPECIFIC GRAVITY (H20=1) : 1.0 |
| VAPOR DENSITY (AIR = 1) | : > 3 | PERCENT VOLATILE (%) : 90% |
| SOLUBILITY IN WATER | : 90% | EVAPORATION RATE (BU.AC.=1) : 0.02 |

VOLATILE ORGANIC COMPOUND (VOC): 90 wt-% ; APPROX 7.5 LBS/GAL

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

| | |
|------------------------------------|--|
| FLASH POINT (METHOD: SETAFLASH) | : 150°-155°F |
| FIRE EXTINGUISHING METHOD | : ALCOHOL FOAM; DRY CHEM; CO2 |
| SPECIAL FIRE FIGHTING PROCEDURES | : NONE NORMALLY REQUIRED. |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | : SEE SECTION VI FOR POSSIBLE HAZARDOUS COMBUSTION PRODUCTS. |
| FLAMMABLE UNITS (% IN AIR) | : LEL 1.1 (@100°C) UEL 14 (@150°C) |

SECTION V -- HEALTH HAZARD DATA

| | | H.M.I.S. | |
|------------------------------|--|----------|---------------|
| EYE CONTACT | : SLIGHTLY IRRITATING TO THE EYES MAY CAUSE TRANSIENT EYE IRRITATION CORNEAL INJURY IS UNLIKELY | Health | H: 1 Slight |
| SKIN CONTACT | : PROLONGED EXPOSURE NOT LIKELY TO CAUSE SIGNIFICANT SKIN IRRITATION. | Flamm. | F: 2 Moderate |
| INHALATION | : MAY CAUSE MILD IRRITATION TO THE NOSE, THROAT AND RESPIRATORY TRACT; MAY RESULT IN CNS DEPRESSION | React. | R: 1 Slight |
| SIGNS AND SYMPTONS | : IRRITATION AS NOTED ABOVE; CNS DEPRESSION MAY BE EVIDENCED BY DIZZINESS, HEADACHE AND NAUSEA. | | |
| AGGRAVATED MEDICAL CONDITION | : PRE-EXISTING SKIN, EYE, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE. | | |

CONT

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-----SECTION V -- HEALTH HAZARD DATA - CONT-----

PRIMARY ROUTES OF ENTRY : INHALATION

EMERGENCY : EYES : FLUSH WITH WATER
 FIRST AID : SKIN : REMOVE CONTAMINATED CLOTHING;
 PROCEDURES : INHALATION : REMOVE PERSON TO FRESH AIR; - TREAT SYMPTOMATICALLY
 : INGESTION : LOW TOXICITY IF SMALL AMOUNTS SWALLOWED
 - DO NOT INDUCE VOMITING
 ASPIRATION HAZARD – SMALL AMOUNTS OF LIQUID ASPIRATED
 INTO RESPIRATORY SYSTEM MAY CAUSE LUNG DAMAGE.
 SEEK MEDICAL ATTENTION

INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE EXPOSURE MAY RESULT IN DIFFICULT BREATHING, NAUSEA, VOMITING, AND HEADACHE ACCOMPANIED BY VARIOUS DEGREES OF CNS DEPRESSION (COMA AND/OR DEATH ARE EVEN POSSIBLE)

-----SECTION VI-- REACTIVITY DATA -----

STABILITY : STABLE UNDER NORMAL STORAGE CONDITIONS
 INCOMPATIBILITY : STRONG OXIDIZING AGENTS.
 HAZARDOUS DECOMPOSITION : NONE KNOWN, NORMAL COMBUSTION PRODUCTS
 HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

-----SECTION VII -- SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IN : REMOVE IGNITION SOURCES;
 CASE MATERIAL IS : ADD ABSORBENT;
 RELEASED OR SPILLED : REMOVE WITH RUBBER SHOVEL

WASTE DISPOSAL METHOD : INCINERATION OR LANDFILL IN ACCORDANCE
 WITH FEDERAL, STATE AND LOCAL ORDINANCES

-----SECTION VIII-- SPECIAL PROTECTION INFORMATION-----

RESPIRATORY PROTECTION : IF TLV EXCEEDED; USE APPROVED NIOSH MASK
 VENTILATION LOCAL EXHAUST : MAINTAIN TLV
 PROTECTIVE GLOVES : NEOPRENE OR BUTYL RUBBER, IF PROLONGED CONTACT
 EYE PROTECTION : SAFETY GLASSES WITH SIDE SHIELDS
 OTHER PROTECTIVE EQUIPMENT : NONE NORMALLY REQUIRED

-----SECTION IX -- SPECIAL PRECAUTIONS -----

PRECAUTIONS TO BE TAKEN : AVOID PROLONGED OR REPEATED INHALATION OF VAPORS.
 IN HANDLING AND STORAGE : AVOID PROLONGED OR REPEATED SKIN CONTACT.
 : STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES.

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