

A DIVISION OF CONTINENTAL DISPERSIONS INC.
 3450 EAGLE DRIVE
 ALLEGAN, MI 49010
 PHONE: (616) 673-5822
 FAX: (616) 673-6005

MATERIAL SAFETY DATA SHEET

For Products Information Call: (616) 673-5822

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Date: August 24, 1993

Rev. 1/4/99

PRODUCT

NAME: T-1133A AQUEOUS BASED BLACK DISPERSION
 CHEMICAL FAMILY: PIGMENT DISPERSION

I. HAZARDOUS INGREDIENTS

CARBON BLACK (1333-86-4) See Occupational Exposure Limits
 POLYALKYLENE GLYCOL ETHER (9038-95-3) See Overexposure Effects
 SODIUM SALT (9084-06-4) See Overexposure Effects
 AMMONIUM HYDROXIDE (1336-21-6) See Overexposure Effects
 HYDROXYMETHYL AMINO ETHANOL (34375-28-5) See Overexposure Effects

II. PHYSICAL DATA

	LOW	HIGH	COMMENTS
LBS/GAL	10.0	10.5	
SOLUBILITY IN WATER			Infinite
pH	8.6	9.4	
VISCOSITY @ STANDARDIZATION	N/A	N/A	
APPEARANCE			Low Viscosity Black Liquid
ODOR			Slight Ammonia Odor

III. FIRE AND EXPLOSION HAZARDS

EXTINGUISHING MEDIA: WATER SPRAY, FOAM OR DRY CHEMICALS

SPECIAL PROCEDURES: USE SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

UNUSUAL HAZARDS: NONE

IV. HEALTH INFORMATION

OVEREXPOSURE EFFECTS: THIS PRODUCT CONTAINS THE FOLLOWING INGREDIENTS WHICH CAN HAVE THE FOLLOWING EFFECTS:

MARKETED BY

HARWICK STANDARD
 DISTRIBUTION CORPORATION

60 S. Seiberling Street • Akron, Ohio 44305
 Akron • Chicago • Northeast • Southern • West Coast

ABCO ENTERPRISES

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IV. HEALTH INFORMATION - CONTINUED

POLYALKYLENE GLYCOL ETHER (9038-95-3) - SWALLOWING: LOW SYSTEMIC TOXICITY. MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA. MATERIAL ASPIRATED DURING VOMITING MAY LEAD TO LUNG INJURY. SKIN CONTACT: MAY CAUSE LOCAL ITCHING, REDNESS AND SWELLING. MAY AGGRAVATE EXISTING DERMATITIS.

SODIUM SALT (9084-06-4) CAN CAUSE EYE AND RESPIRATORY TRACT IRRITATION

AMMONIUM HYDROXIDE (1336-21-6) CAUSES SEVERE IRRITATION OF SKIN, EYES AND RESPIRATORY TRACT.

HYDROXYMETHYL AMINO ETHANOL (34375-28-5) LESS THAN 0.25%

V. OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT:	PPM	MG/M3
CARBON BLACK:		3.5
POLYALKYLENE GLYCOL ETHER TLV:	NONE ESTABLISHED	
SODIUM SALT:	N/A	
AMMONIUM HYDROXIDE:	25	
HYDROXYMETHYL AMINO EHTANOL:	NONE ESTABLISHED	

VI. EMERGENCY AND FIRST AID PROCEDURES

INHALATION: CONSULT A PHYSICIAN IF IRRITATION OF RESPIRATORY PASSAGES OCCURS.

EYE CONTACT: FLUSH WITH WATER-CONSULT WITH A PHYSICIAN IF IRRITATION CONTINUES.

SKIN CONTACT: WASH WITH SOAP AND WATER - CONSULT WITH A PHYSICIAN IF IRRITATION CONTINUES.

INGESTION: GIVE MILK OR WATER TO CONSCIOUS PERSON - CONSULT WITH A PHYSICIAN

ADDITIONAL MEASURES: NONE

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CHEMICAL STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
DECOMPOSITION: HAZARDOUS CARBON COMPOUNDS MAY BE
GENERATED DURING THERMAL DECOMPOSITION
MATERIALS TO AVOID: STRONG OXIDIZING AGENTS

VIII. SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL OR LEAK: MIX WITH INERT ABSORBENT, PLACE IN SUITABLE CONTAINER.
AVOID DISCHARGE IN SEWER OR WATERWAYS.
WASTE DISPOSAL: DISPOSE OF OR INCINERATE IN ACCORDANCE WITH REGULATIONS.

IX. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: EXPOSURES EXCEEDING TLV REQUIRE CHEMICAL
CARTRIDGE RESPIRATOR
CLOTHING: SUITABLE TO AVOID SKIN CONTACT, SAFETY GLASSES,
RUBBER GLOVES
VENTILATION: USE LOCAL EXHAUST OR RESPIRATORY PROTECTION
TO MAINTAIN EMPLOYEE EXPOSURE BELOW THE GEL
OR TLV.

X. SPECIAL PRECAUTIONS

THE INGREDIENTS IN THIS PRODUCT ARE NOT LISTED BY OSHA, NTP OR IARC AS A
CARCINOGEN.
CARBON BLACK: IARC GROUP 2B: POSSIBLE CARCINOGEN TO HUMANS.

XI. OTHER REGULATORY CONTROLS

THE FOLLOWING SPECIFIC INFORMATION IS MADE FOR THE PURPOSE OF COMPLYING
WITH NUMEROUS FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS AND
REGULATIONS.

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY AND
CANADIAN DSL(CANADIAN SUBSTANCE LISTING).

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NAME: T-1133A AQUEOUS BASED BLACK DISPERSION**XI. OTHER REGULATORY CONTROLS - CONTINUED**

HMIS	HEALTH:	1
	FLAMMABILITY:	0
	REACTIVITY:	0

THESE RATINGS SHOULD ONLY BE USED AS PART OF THE HMIS PROGRAM.**OSHA HEALTH HAZARDS: NONE****SARA HAZARD CLASS: NOT APPLICABLE****CANADIAN WHMIS CONTROLLED PRODUCT CLASSIFICATION:
NOT A CONTROLLED PRODUCT.****NOTICE: THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE AS SHOWN ABOVE. HOWEVER, NO WARRANTY, EXPRESS OR IMPLIED, IS GIVEN. REGULATORY REQUIREMENTS ARE SUBJECT TO CHANGE AND MAY DIFFER FROM ONE LOCATION TO ANOTHER; IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS.**