

ARCO ENTERPRISES

3450 EAGLE DRIVE
 ALLEGAN, MI 49010
 FAX (616) 673-6005

MATERIAL SAFETY DATA SHEET

For Product Information Call: (616) 673-5822 Page 1 of 3

Date: OCTOBER 29, 1996

PRODUCT-----

NAME: T-7087A AQUEOUS BASED BLACK DISPERSION
 CHEMICAL FAMILY: PIGMENT DISPERSION

I. HAZARDOUS INGREDIENTS-----

CARBON BLACK (1333-86-4) See Occupational Exposure Limits
 AMMONIUM HYDROXIDE (1336-21-6) See Overexposure Effects
 HYDROXYMETHYL AMINO ETHANOL (34375-28-5) See Overexposure Effects
 POLYOXYETHYLENE - POLYOXYPROPYLENE BLOCK POLYMER (9003-11-6) See
 Overexposure Effects

II. PHYSICAL DATA-----

	LOW	HIGH	COMMENTS
LBS/GAL	9.5	10.5	
SOLUBILITY IN WATER			Dispersible
pH	9.5	10.5	
APPEARANCE			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:

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

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

POLYOXYETHYLENE - POLYOXYPROPYLENE BLOCK POLYMER (9003-11-6)
 CAUSES SLIGHT IRRITATION TO EYES AND SKIN

HARWICK Standard Distribution Corporation
 60 South Seiberling Street
 P.O. Box 9360
 Akron, OH 44305-0360

ABCO ENTERPRISES
 3450 EAGLE DRIVE
 ALLEGAN, MI 49010
 FAX (616) 673-6005

MATERIAL SAFETY DATA SHEET

For Product Information Call: (616) 673-5822

Page 2 of 3

PRODUCT-----

NAME: T-7087A AQUEOUS BASED BLACK DISPERSION

V. OCCUPATIONAL EXPOSURE LIMITS-----

TLV:	TWA	PPM	MG/M3
INGREDIENT:			
CARBON BLACK:			3.5
AMMONIUM HYDROXIDE:		25	
HYDROXYMETHYL AMINO ETHANOL:	NONE ESTABLISHED		
POLYOXYETHYLENE - POLYOXYPROPYLENE BLOCK POLYMER:	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

VII. REACTIVITY DATA-----

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 PEL OR TLV.

ARCO ENTERPRISES
 3450 EAGLE DRIVE
 ALLEGAN, MI 49010
 FAX (616) 673-6005

MATERIAL SAFETY DATA SHEET

For Product Information Call: (616) 673-5822

Page 3 of 3

PRODUCT-----

NAME: T-7087A AQUEOUS BASED BLACK DISPERSION

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.

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 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 ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS.