NASHUA CORPORATION 44 Franklin Street Nashua, NH 03060

# Facility Telephone Numbers

**EMERGENCY** INFORMATION (603) 880-5555 (800) 258-1370

## SECTION I -- IDENTIFICATION

PRODUCT NAME: 5030/5040/7040/7050/7050W Liquid Toner

MSDS: 201

ISSUE DATE: 6/92

FORMULA:

Liquid Organic Mixture

**REVISION:** 4/93

CHEMICAL FAMILY:

Petroleum Organic Solvent

DIVISION: NOP

(303) 623-5716 (603) 880-5555

MEDICAL EMERGENCY TELEPHONE (Poison Center): TRANSPORTATION EMERGENCY TELEPHONE:

SECTION II -- HAZARDOUS COMPONENTS

(Typical Values)

INGREDIENTS	CAS NO.	WT %	ACGIH (TLV)	OSHA (PEL)
Isopar H/ (Isoparaffinic Hydrocarbo	64742-48-9 on)	>85.0%	1900mg/m <sup>3</sup>	*NE
Carbon Black	1333-86-4	<5.0%	$3.5 \text{mg/m}^3$	$3.5 \text{mg/m}^3$
Mixture of Acrylic/ Polymers & Resins	*NE	<10.0%	*NE	*NE

<sup>\*</sup> None Established

## SECTION III -- PHYSICAL DATA

Boiling Point: For Isopar H

Melting Point:

Vapor Pressure (mmHg.):

Vapor Density (Air = 1):

Evaporation Rate (Butyl Acetate = 1):

Volatile Fraction by Weight:

Solubility in Water (by weight %):

Specific Gravity  $(H_2O = 1)$ :

pH:

Appearance:

Odor:

335-380°F or (169-193°C)

Not Applicable

<10 @ 25°C for Isopar H

>5.0 for Isopar H

0.3 for Isopar H

Not Estimated

Immiscible

<1.0

Not Applicable

Black Mobile Liquid

Petroleum Solvent Odor

PRODUCT NAME: 5030/5040/7040/7050/7050W Liquid Toner

MSDS #201

#### SECTION IV -- FIRE and EXPLOSION HAZARD DATA

FLASH POINT:

116°F or 46.7°C Tag Closed Cup

EXTINGUISHING MEDIA:

Inhalation:

Foam, Dry Chemical, CO2.

Water may be ineffective but should be used to keep fire exposed containers cool.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing and a self-contained breathing apparatus to avoid breathing

toxic fumes.

UNUSUAL FIRE and EXPLOSION HAZARDS:

Emits toxic fumes upon thermal decomposition. Vapors are heavier than air and can flow to a SOURCE OF IGNITION.

#### SECTION V -- HEALTH HAZARD DATA

SARA--Title III Hazard Categories Α.

Immediate:

See Section V (Acute Exposure Effects)

В. ACUTE EXPOSURE EFFECTS (NOTE: Pertains to Finished Product)

Eve Contact: May cause irritation.

Skin Contact: May cause irritation.

Normally no problem, but inhalation of mist could cause respiratory irritation.

Ingestion:

May cause irritation of the mucous membranes or digestive tract and minute amounts aspirated into the lungs may cause mild to severe pulmonary injury and possible death.

FIRST AID (Applies to Finished Product) C.

Eyes:

Immediately flush with plenty of running water for at least 15 minutes. Obtain medical attention.

Flush affected areas promptly with water for 15 minutes. Remove contaminated clothing. In cas continued irritation, consult physician. Skin:

In case of

Inhalation: For over-exposure, remove to fresh air.

Obtain immediate medical attention. DO NOT INDUCE Ingestion:

VOMITING.

CHRONIC HEALTH EFFECTS (NOTE: Pertains to each ingredient listed in Section 2 per 29 CFR Sect. 1910-1200) D.

Carbon Black has been tested for mutagenicity on Species S. typhirium with negative result.

All other ingredients in Section II -- A computerized search of national databases did not yield any chronic effects associated with these materials.

CARCINOGENICITY LISTING NTP **IARC OSHA** no no no PRODUCT NAME: 760/765/790/850/895/5030/5040/7040 7050/7050W Dispersant

MSDS #251

SECTION VI -- REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Excessive heat or flame.

INCOMPATIBILITY:

Avoid strong oxidizers such as chlorates, bromates & nitrates.

HAZARDOUS DECOMPOSITION PRODUCTS:

CO<sub>2</sub>, Carbon Monoxide and Aldehydes.

HAZARDOUS POLYMERIZATION:

Will not occur.

### SECTION VII -- DISPOSAL INFORMATION

## Spill, Leak or Release

NOTE: Review Section IV and Section VIII before proceeding with clean up. U appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike spill. Prevent liquid from entering sewers, water ways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material. Use

## Waste Disposal

Recover nonusable free liquid, contaminated water and nonuseable solid material and dispose of in an approved and permitted incineration treatment system.

## SECTION VIII -- SPECIAL PROTECTION INFORMATION

- Respiratory Protection: None needed with working mixtures and normal room ventilation. Wear MSHA/NIOSH approved respirator whenever prolonged exposure to vapor is likely.
- Room ventilation is sufficient. Avoid use of <u>Ventilation</u>: Room ventilation product in unventilated areas. В.
- Skin & Eye Protection: Simple protection is suggested, e.g., eye glasses with side shields. Chemical gloves and aprons are recommended.

### SECTION IX -- STORAGE CONDITIONS

Store in well ventilated area. Keep container tightly closed. Do not store with incompatible materials (see Section vi). Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

PRODUCT NAME:

760/765/790/850/895/5030/5040/7040 7050/7050W Dispersant

MSDS #251

#### SECTION X -- HAZARDOUS REGULATIONS

DOMESTIC: Α.

Non Regulated

IMO:

Petroleum Distillates (Containing Isoparaffinic Hydrocarbons) Class 3.3, UN 1268

IATA/ICAO:

Naptha Distillate (Isoparaffinic Hydrocarbon)

### SECTION XI -- HAZARD COMMUNICATION

4 = ExtremeHEALTH 1 3 = HighFLAMMABILITY 2 2 = Moderate REACTIVITY 0 1 = Slight SPECIAL (blank)

0 = Insignificant

### SECTION XII -- TSCA INFORMATION

TSCA LISTINGS:

All ingredients in this finished product are listed on the EPA TSCA Inventory (see Section II).

### SECTION XIII -- FEDERAL -- SARA TITLE III NOTIFICATION

Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are: NONE

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TECHNICAL CONTACT

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