

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME:

ETHYL CYANOACRYLATE

ITEM NO.:

W-20

PRODUCT :

ETHYL CYANOACRYLATE

II. COMPOSITION

INGREDIENTS

CAS NO.

ETHYL CYANOACRYLATE

7085-85-0

99-99.9

HYDROQUINONE

123-31-9

0.1-1

III. CHEMICAL AND PHYSICAL PROPERTIES

SOLUBILITY IN WATER:

POLYMERIZED IN WATER

SPECIFIC GRAVITY:

1.05 AT 75°F

BOILING POINT:

MORE THAN 300°F OR 54-56°C 2.6-3 MMHG

VOLATILE ORGANIC COMPOUND

94.7% ; 994.35 G/L

(EPA METHOD 24)

EVAPORATION RATE

NOT AVAILABLE

(EHTER=1)

APPEARANCE:

CLEAR LIQUID

ODOR:

SHARP, IRRITATING

VAPOR PRESSURE:

LESS THAN 0.2MM AT 75F

VAPOR DENSITY:

3

INGREDIENTS WHICH HAVE EXPOSURE LIMITED:

EXPOSURE LIMITS(TWA) ACGIH

OSHA

OTHER

INGREDIENTS (TLV)

(TLV)

ETHYL CYANOACRYLATE NONE

NONE

2 PPM TWA

9.1 MG/M3

HYDROQUINONE 2 MG/M3 TWA

2 MG/M3 TWA

2 MG/M3 TWA

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

FLASH POINT: 160-200°F

METHOD: TAG CLOSED CUP

ESTIMATED NFPA CODE:

HEALTH HAZARD: 2

FIRE HAZARD: 2

REACTIVITY HAZARD: 2

SPECIFIC HAZARD: NO WATER

ESTIMATED HMIS CODE:

HEALTH HAZARD: 2

FLAMMABILITY HAZARD: 2

REACTIVITY HAZARD: 2

PERSONAL PROTECTION: SEE SECTION X.

EXPLOSIVE LIMITS:

(% BY VOLUME IN AIR) LOWER NOT AVAILABLE

(% BY VOLUME IN AIR) UPPER NOT AVAILABLE

RECOMMENDED

EXTINGUISHING AGENTS: CARBON DIOXIDE, FOAM, DRY
CHEMICAL

HAZARDOUS PRODUCTS FORMED

BY FIRE OR THERMAL DECOMP. IRRITATING ORGANIC FRAGMENTS.

UNUSUAL FIRE OR EXPLOSION NONE

HAZARDS:

COMPRESSED GASES: NONE

PRESSURE AT ROOM TEMP. : DOES NOT APPLY

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: FLOOD WITH WATER TO POLYMERIZE. SOAK UP WITH AN INERT ABSORBENT.

RECOMMENDED METHODS OF DISPOSAL: POLYMERIZE AS ABOVE. INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.

VI. STORAGE AND HANDLING PROCEDURES

STORAGE: STORE AT OR BELOW 75°F TO MAXIMIZE SHELF LIFE.

HANDLING: AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPORS.

VII. SHIPPING REGULATIONS

AIR : UNRESTRICTED (NOT MORE THAN ONE PINT); ORM-
A (ONE PINT TO 110 GALLONS); COMBUSTIBLE LIQUID
(MORE THAN 110 GALLONS)

IDENTIFICATION NUMBER	NONE
IATA	
PROPER SHIPPING NAME	UNRESTRICTED
CLASS OR DIVISION	UNRESTRICTED
UN OR ID NUMBER	NONE
IMO	
SUBSTANCE	NOT AVAILABLE
MARINE POLLUTANT STATUS	NOT AVAILABLE
CLASS	NOT AVAILABLE
SUBSIDIARY RISK LABEL	NOT AVAILABLE
IMDG CODE PAGE	NOT AVAILABLE
UN NUMBER	NOT AVAILABLE

VIII. REACTIVITY DATA

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION	
PRODUCTS (NON-THERMAL):	NONE
INCOMPATIBILITY:	POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES, ALKALIES.

IX. EMERGENCY TREATMENT PROCEDURES

INGESTION:	SEE SUPPLEMENT.
INHALATION:	REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY.
SKIN CONTACT:	SOAK IN WARM WATER.
EYE CONTACT:	FLUSH WITH WATER.

X. PERSONAL PROTECTION

EYES: SAFETY GLASSES OR GOGGLES.
SKIN: POLYETHYLENE GLOVES RECOMMENDED. DO NOT USE COTTON GLOVES.
VENTILATION: POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

XI. HEALTH DATA

TOXICITY: BONDS TO SKIN RAPIDLY AND STRONGLY. SKIN AND EYE IRRITANT. ESTIMATED ORAL LD50 MORE THAN 5000 MG/KG. ESTIMATED DERMAL LD50 MORE THAN 2000MG/KG

PRIMARY ROUTES OF ENTRY: NOT AVAILABLE

SIGNS AND SYMPTOMS OF EXPOSURE: VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES ABOVE TLV. PROLONGED AND REPEATED OVEREXPOSURE TO VAPORS MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA-LIKE SYMPTOMS IN SENSITIVE INDIVIDUALS.