



MATERIAL SAFETY DATA SHEET

POLYUREA 100 – PART B

Color Crown Corporation
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Seffner, FL 33584

24 HOUR EMERGENCY CHEMTREC 800-424-9300

Section 1: PRODUCT IDENTIFICATION

TRADE NAME: POLYUREA, B COMPONENT
CHEMICAL FAMILY: ASPARTIC ESTER
FORMULA: NA
CAS #: MIXTURE

OSHA HAZARD COMMUNICATION STATUS:

This product is hazardous under criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 2: HAZARDOUS INGREDIENTS

COMPONENTS: ACGIH-TLV	%:	OSHA-PEL	
Aspartic Ester	100	N/E	N/E

Specific chemical identity is withheld as a trade secret.

Section 3: HAZARDS IDENTIFICATION

ROUTE(S) OF ENTRY: Inhalation, Skin contact, Eye contact

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS OF EXPOSURE:

The cycloaliphatic diamine is corrosive to the eyes and skin. It can cause visible destruction and irreversible injury to skin and eye tissue. Vapors are also severely irritating to eyes, nose, and throat. Aliphatic diamines, as class of chemicals, are corrosive to the eyes and skin. However, based on the animal toxicity data for a similar product, we would not expect this material to be corrosive.

CHRONIC EFFECTS OF EXPOSURE:

Skin sensitization may result from prolonged or repeated contact with cycloaliphatic diamine, resulting in rash, itching, swelling and other symptoms common to allergic dermatitis.

CARCINOGENICITY:

- NTP**.....Not Listed
- IARC**.....Not Listed
- OSHA**.....Not Regulated

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Section 3: CONTINUED.....**MEDICAL CONDITIONS:***AGGRAVATED BY EXPOSURE:*

May aggravate an existing dermatitis or allergic reactions.

EXPOSURE LIMITS:

Not established for product

Section 4: FIRST AID MEASURES**FIRST AID FOR EYES:**

Flush with clean, luke warm water (low pressure) for at least 15 minutes, while lifting eyelids. Refer individual to physician or ophthalmologist for immediate follow-up.

FIRST AID FOR SKIN:

Remove contaminated clothing immediately. Wash affected areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. For severe exposures, get under safety shower after removing clothing, then get medical attention. For lesser exposures, seek medical attention if irritation develops or persists.

FIRST AID FOR INHALATION:

Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic. Consult physician.

FIRST AID FOR INGESTION:

Give 1 or 2 cups of milk or water to drink. DO NOT GIVE ANYTHING BY MOUTH TO UNCONCIOUS OR CONVULSING PERSON. Consult physician.

NOTE TO PHYSICIAN:

Treatment is essentially symptomatic.

Section 5: FIRE FIGHTING MEASURES

FLASH POINT94.0° C (201.2°F)

EXTINGUISHING MEDIA.....Dry chemical, carbon dioxide, foam, Water spray for large fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Full emergency equipment with self contaminated breathing apparatus and full protective clothing should be worn by firefighters. During a fire, irritating and/or toxic gases may be present from decomposition/combustion. Ammonia may be released when heated in air.

Section 6: ACCODENTIAL RELEASE MEASURES:**SPILL OR LEAK PROCEDURES:**

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Remove all sources of ignition and ventilate area. Notify appropriate authorities if necessary. Put on personal protective equipment. Dike or impound spilled material and control further spillage if feasible. Cover spill with sawdust, Vermiculite, Fuller's Earth or other absorbent material; collect material in open containers. Remove containers to safe place and cover.

WASTE DISPOSAL METHOD:

Waste material must be disposed of in accordance with federal, state and local environmental control regulations. DO NOT HEAT OR CUT CONTANER WITH ELECTRIC OR GAS TORCH.

Section 7: HANDLING AND STORAGE

STORAGE TEMPERATURE (MIN/MAX): Ambient

SHELF LIFE: Not Established

SPECIAL SENSITIVITY:

Material is hygroscopic and may absorb small amounts of atmospheric moisture.

HANDLING/STORAGE PRECATIONS:

Store in tightly closed containers to prevent moisture contamination. Keep away from heat, sparks and open flame.

Section 8: PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS:

Liquid chemical goggles or full-faced shield. Contact lenses should not be worn.

SKIN PROTECTION REQUIREMNTS:

Permeation resistant gloves. Cover as much of the exposed skin area as possible with appropriate clothing.

VENTILATION REQUIREMENTS:

Ventilation as needed to control airborne concentrations below level of irritation to eyes, nose and throat.

Section 8: CONTINUED...

RESPIRATOR REQUIREMENTS:

Use an organic vapor and particulate cartridge respirator or equivalent air purifying respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134)

ADDITIONAL PROTECTIVE MEASURES:

Safety showers and eyewash stations should be available. Educate and train employees in safe use of this product.

Section 9: PHYSICAL AND CHEMICAL DATA:

APPEARANCE:.....	LIQUID
COLOR:.....	CLEAR/PALE YELLOW
ODOR:.....	SLIGHT
MELT POINT/FREEZE POINT:.....	NE
BOLING POINT:.....	NE
VAPOR PRESSURE:.....	NE
SPECIFIC GRAVITY:.....	1.13
SOLUBILITY IN WATER:.....	INSOLUBLE
% VOLATILE BY WEIGHT:.....	NEGLIGIBLE

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Section 10: STABILITY OF REACTIVITY

STABILITY: Stable under normal conditions

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITIES: Oxidizing materials

INCOMPATIBILITY CONDITIONS: None known

DECOMPOSITION PRODUCTS: By fire: carbon dioxide, carbon monoxide, oxides of nitrogen, amines and other aliphatic fragments which have not been determined.

Section 11: TOXICOLOGICAL INFORMATION:

TOXICITY DATA FOR: A similar product

ACUTE TOXICITY

ORAL LD50.....Estimated to be greater than 2000 mg/kg (rats)

EYE EFFECTS.....Non Irritant (rabbit)

SKIN EFFECTS.....Slight to moderate irritant (rabbit)

SENSITIZATION.....Sensitization test according to Magnusson/Kligmann (maximizing test); The results of test in guinea pigs showed a significant skin sensitizing potential.

Section 12: ECOLOGICAL INFORMATION:

NON ECOLOGICAL INFORMATION AVAILABLE

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Waste must be disposed of in accordance with federal, state and local environment control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. **DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.** See section 5 and 10.

Section 14: TRANSPORTATION INFORMATION

TECHNICAL SHIPPING NAME: Aspartic Ester

FREIGHT CLASS: Chemicals NOI, NMFC 60000

PRODUCT LABEL: PROCLEAR 400, A COMPONENT

HAZARD CLASS OR DIVISION: DOT (DOMESTIC SURFACE)
Non-Regulated

HAZARD CLASS DIVISION NUMBER: IMO/IMDG CODE (OCEAN)
Non-Regulated

HAZARD CLASS DIVISION NUMBER: ICAO/IATA (AIR)
Non-Regulated

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Section 15: REGULATORY INFORMATION

OSHA STATUS:

This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS:

On TSCA Inventory

CERCLA REPORTABLE QUANTITY:

None

SARA TITLE III:

Section 302

EXTREMELY HAZARDOUS SUBSTANCES:

None

Section 311/312

HAZARDOUS CATEGORIES:

Immediate health hazard; Delayed health hazard; Fire hazard

Section 313

TOXIC CHEMICALS:

None

RCRA STATUS:

If declared in its purchased form, this product would not be hazardous waste either by listing or by characteristic.

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of this MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME/CAS NUMBER: CODE:	CONCENTRATION:	STATE
Aspartic Ester NJTSRN (31765300002)-7031P	100%	PA3,NJ4

NJ4= New Jersey Other – Included in 5 predominant ingredients > 1%

PA3= Pennsylvania Non-Hazardous present at 3% or greater.

CALIFORNIA PROPOSITION 65:

To the best of our knowledge, this product contains on levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive effects.

MASSACHUSETTS SUBSTANCE LIST (MSL):

Hazardous substances and extraordinarily hazardous substances on the MSL must be identified when present in products. To the best of our knowledge, this product contains no substances at a level which could require reporting under the statute.

Section 16: OTHER INFORMATION

HMIS RATINGS:

0= Minimal 1= Slight 2= Moderate 3= Serious 4= Severe

HEALTH:2 FLAMMABILITY:1 REACTIVITY: 0

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