



# Safety Data Sheet

## CORAFOAM® PUR FOAM

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name                    CORAFOAM® PUR FOAM  
 CAS number                    Not applicable  
 Product type and use        Rigid expanded polyurethane foam  
 Company                        DUNA-USA Inc.  
    4210 FM 1405 Baytown, TX, 77523, USA  
    1-281-383-3862 [info-dunausa@dunagroup.com](mailto:info-dunausa@dunagroup.com)

In case of emergency call:    **CHEMTREC 1-800-424-9300 (24 HOURS DAY, 7 DAYS A WEEK)**

### 2. HAZARDS IDENTIFICATION

Physical state                 Solid  
 Appearance                  Rigid foam  
 OSHA/HCS status            This product is considered as NOT hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200)  
 Emergency overview        Low hazard for usual industrial or commercial handling.  
 Potential health effects     Eyes Dust may irritate the eyes.  
                                       Skin                                Nonirritating. May cause irritation only through mechanical abrasion.  
                                       Inhalation                      Dust may irritate the respiratory system.  
                                       Ingestion                        May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.  
 Target organs                 Inhalation  
    Skin  
    Eye  
 Chronic effects                Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.  
 Signs and symptoms        May cause eye irritation. Itching, redness, burning of skin.  
 Potential environmental effects    The product is not classified as environmentally hazardous.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| <i>Name</i>                      | <i>CAS number</i> | <i>%</i> |
|----------------------------------|-------------------|----------|
| Rigid expanded polyurethane foam | not applicable    | 100      |



# Safety Data Sheet

## CORAFOAM® PUR FOAM

### 4. FIRST AID MEASURES

|              |   |
|--------------|---|
| Eye contact  | Dust in the eyes: Flush thoroughly with water for at least 15 minutes. Get medical attention if any discomfort continues. |
| Skin contact | Contact with dust: Essentially nonirritating to skin. Wash with soap and water if mechanical injury occur.                |
| Inhalation   | If symptoms develop, move to fresh air. Get medical attention if discomfort develops or persists.                         |
| Ingestion    | Do not induce vomiting. Get medical attention immediately.  |

### 5. FIRE-FIGHTING MEASURES

|                               |   |
|-------------------------------|---|
| Flammable properties          | Not flammable by OSHA criteria  |
| Extinguishing media           | Suitable extinguishing media<br>No specific measures are required as this product is a fire extinguishing medium.   |
| Protection of firefighters    | Specific hazards arising from the chemical<br>Not a fire hazard.  |
| Fire fighting instructions    | Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguisher may be used for small fires.                           |
| Fire fighting equipment       | Wear positive-pressure self contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance. |
| Specific methods              | Not applicable  |
| Hazardous combustion products | Carbon monoxide. Nitrogen oxides.   |

### 6. ACCIDENTAL RELEASE MEASURES

|                           |  |
|---------------------------|--|
| Personal precautions      | No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product. |
| Environmental precautions | No specific precautions.   |
| Methods for cleaning up   | For waste disposal, see Section 13 of the MSDS.  |



# Safety Data Sheet

## CORAFOAM® PUR FOAM

### 7. HANDLING AND STORAGE

|          |  |
|----------|--|
| Handling | Use work methods which minimize dust production. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices. Refer to "EXPOSURE CONTROLS AND PERSONAL PROTECTION", Section 8 of the MSDS. No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling of product. |
| Storage  | Store away from incompatible materials. Minimize sources of ignition, such as static build-up, heat, spark or flame. During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources. Read and follow manufacturer's recommendations.   |

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Occupational exposure limits

US. ACGIH Threshold Limit Values

None

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

None

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

None

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

None

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

None

Engineering controls Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

#### Personal protective equipment

Eye/face protection

No special precautions.

Skin protection

Gloves, for handling rough edges.

Respiratory protection

When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.



# Safety Data Sheet

## CORAFOAM® PUR FOAM

Ingestion No precautions necessary due to the physical properties of the material.

### Engineering Controls Ventilation

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                           |                               |
|---------------------------|-------------------------------|
| Appearance                | Rigid foam                    |
| Physical state            | Solid                         |
| Odor                      | Odorless                      |
| Odor threshold            | Not available                 |
| Form                      | Foam                          |
| pH                        | Not available                 |
| Flash point               | Closed cup: > 300°C (> 572°F) |
| Auto-ignition temperature | > 400°C (> 752°F)             |
| Solubility in water       | Insoluble                     |

## 10. STABILITY AND REACTIVITY

|                           |   |
|---------------------------|---|
| Chemical stability        | Thermally stable at typical use temperatures  |
| Conditions to avoid       | Avoid temperatures above 260°C (500°F), UV rays may cause discoloration.  |
| Incompatibility materials | Strong acids, strong alkalies and oxidizing agents  |
| Hazardous polymerization  | Will not occur  |
| Thermal decomposition     | Decomposition products depend upon temperature, air supply and the presence of other materials. Toxic gases may be released during decomposition. |

## 11. TOXICOLOGICAL INFORMATION

### Toxicological data

|                        |   |
|------------------------|---|
| Acute effects          | Under normal conditions of intended use, this material does not pose a risk to health.  |
| Local effects          | Exposure to particles from cutting operations may cause mechanical irritation of eyes.  |
| Repeated dose toxicity | Repeated exposures to dusts of this material are not anticipated to result in systemic toxicity or permanent lung injury; however, excessive exposures may cause less severe respiratory effects. |



# Safety Data Sheet

## CORAFOAM® PUR FOAM

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The product is not classified as environmentally hazardous. Not expected to be acutely toxic to aquatic organisms

**Persistence and degradability** The product is not biodegradable. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

**Mobility in environmental media** The product is insoluble in water. No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material is expected to float.

### 13. DISPOSAL CONSIDERATIONS

**Disposal instructions:** Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

### 14. TRANSPORT INFORMATION

DOT, TDG, IMDG, IATA-ICAO  
Not regulated.

### 15. REGULATORY INFORMATION

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4): Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

|                   |    |
|-------------------|----|
| Hazard categories |    |
| Immediate Hazard  | No |
| Delayed Hazard    | No |
| Fire Hazard       | No |
| Pressure Hazard   | No |
| Reactivity Hazard | No |

Section 302 extremely hazardous substance (40 CFR 355, Appendix A): No

Section 311/312 (40 CFR 370): No

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15): Not controlled

WHMIS status

Non-controlled



# Safety Data Sheet

## CORAFOAM® PUR FOAM

### Inventory and regulatory status

This product does not contain chemicals at levels which require reporting under this statute

### California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

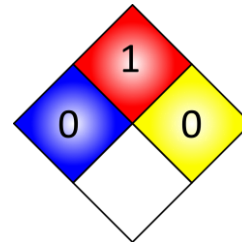
## 16. OTHER INFORMATION

Label requirements: None

### Hazardous Material Information System

|   |                      |
|---|----------------------|
| 0 | Health               |
| 1 | Flammability         |
| 0 | Reactivity           |
| - | Protective Equipment |

### National Fire Protection Association



### Notice to reader

HMIS® is a registered trade and service mark of the NPCA

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

NO PERSON OR ORGANIZATION EXCEPT A DULY AUTHORIZED DUNA-USA Inc. EMPLOYEE IS AUTHORIZED TO PROVIDE OR MAKE AVAILABLE DATA SHEETS FOR DUNA-USA Inc. PRODUCTS. DATA SHEETS FROM UNAUTHORIZED SOURCES MAY CONTAIN INFORMATION THAT IS NO LONGER CURRENT OR ACCURATE. NO PART OF THIS DATA SHEET MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM, OR BY ANY MEANS, WITHOUT PERMISSION IN WRITING FROM DUNA-USA Inc. ALL REQUESTS FOR PERMISSION TO REPRODUCE MATERIAL FROM THIS DATA SHEET SHOULD BE DIRECTED TO DUNA-USA Inc.