



Material 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

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



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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 No specific measures are required as this product is a fire extinguishing medium.
Protection of firefighters	Specific hazards arising from the chemical 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.

7. HANDLING AND STORAGE

Handling	Use work methods which minimize dust production. Use only in well-
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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.

Ingestion

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



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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.



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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



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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.

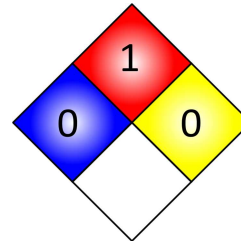
16. OTHER INFORMATION

Label requirements: None

Hazardous Material Information System

0	Health
1	Flammability
0	Reactivity
-	Protective Equipment

National Fire Protection Association



Notice to reader

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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.

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