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**DUNA-USA**  
FOAMS & CHEMICALS

# MATERIAL SAFETY DATA SHEET

## Corafoam®

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Corafoam®</b> DUNA-Usa Inc.	<b>RIGID POLYURETHANE FOAM</b> 4210 FM 1405 Baytown, Texas 77520 Ph: 281-383-3862 Fx: 281-383-0115 Toll Free: 866-383-DUNA Emergency telephone number of the company and/or of an authorised advisory centre: DUNA-Usa Inc. – phone: 866-383-DUNA
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### 2. HAZARDS IDENTIFICATION

This product is not hazardous according to EEC criteria	
Skin absorption	no hazard known for handling this material.
Eye contact	in case penetration into the eye only mechanical annoyances are possible
Inhalation	long term exposure may lead to unspecified bronco-pulmonary pathologies but there are no epidemiological evidences.
Environment	not harmful, very low biodegradability

### 3. COMPOSITION INFORMATION ON INGREDIENTS

Rigid expanded polyurethane/polyisocyanurate foarn based on polyether/polyester polyols and aromatic isocyanate

### 4. FIRST AID MEASURES

Clothes contact:	n.a.
Eye contact:	Ask for medical assistance in case you need help to remove the foreign body.
Skin contact	n.a.
Inhalation:	Remove to fresh air if effects occur. Consult a physician in case of serious breath difficulty.
Ingestion	Consult a physician in case of large amounts swallowed.

### 5. FIRE HAZARD

Extinguishing media	water fog	[ x ]	dry chemical	[ x ]	CO <sub>2</sub>	[ x ]
	foam	[ x ]	dust	[ x ]		
Special firefighting Procedures	direct an abundant water jet directly on the flame or on the burning surface. Wet the surface to cool it and prevent it from fire starting.					
Dangerous decomposition Products	mainly Carbon oxides; NO <sub>2</sub> and HCN					
Special firefighting Equipment:	personal respirators					

### 6. ACCIDENTAL RELEASE MEASURES

Personal protections	n.a.
Environment procedure	n.a.
Disposal method	Recover if possible, or dispose according to applicable regulations

### 7. HANDLING AND STORAGE

Handling	This product is combustible and may constitute a fire hazard if improperly used or installed. When installed this product should be adequately protected. Certain operations such as grinding or cutting, may generate dust which could cause a dust explosion. Provide adequate local ventilation and appropriate dust handling system. The whole dust collecting system must be protected from electrostatic energy accumulation, provide adequate firefight facilities
Storage	Exposed to intense sunlight over prolonged periods, the surface of the boards degrades into fine dust. Do not expose to flame or other ignition sources



**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Respiratory protection</b>	Atmospheric levels should be maintained below the exposure guidelines. In dusty atmospheres use an approved dust respirator
<b>Hands protection</b>	Not necessary. It is possible to wear suitable gloves for a mechanical protection.
<b>Eye/Face protection</b>	Eye protection should not be necessary. For fabrication operations safety glasses are recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b> rigid foam	<b>Odour:</b> odourless
<b>Density:</b> 25+450 kg/m <sup>3</sup>	<b>Melting point:</b> does not melt
<b>Boiling point:</b> n.a.	<b>Heat power:</b> 6500+7500 Kcal/Kg
<b>Liposolubility:</b> n.a.	<b>Distribution coefficient (n-octanol/water):</b> insoluble
<b>Self-burning temperature:</b> n.a.	<b>Flash point:</b> >300°C
<b>Explosive properties:</b> none	<b>Comburent property:</b> none

**10. STABILITY AND REACTIVITY**

<b>Precautions:</b>	avoid exposure to flames
<b>Materials to avoid:</b>	No materials are known to develop, in contact with polyurethane, products of relevant danger in relationship to the ones of the material itself.
<b>Hazardous decomposition products:</b>	none at normal conditions; flammable and toxic gases may be generated starting from 300°C.

**11. TOXICOLOGICAL INFORMATION**

<b>Skin contact</b>	Considered to be physiologically inert. No adverse effects anticipated by this route of exposure incidental to proper industrial handling
<b>Inhalation</b>	Exposure limit for dust for 8 continuous hours : 10 mg/m <sup>3</sup>
<b>Ingestion</b>	no risk known for small quantities
<b>Eye contact</b>	Solid or dust may cause irritation or corneal injury due to mechanical action

**12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	n.a.
<b>Biodegradability</b>	low biodegradability
<b>Bioaccumulation</b>	n.a.
<b>Ecotoxicity</b>	none

**13. DISPOSAL CONSIDERATIONS**

May be disposed of at approved landfills or preferably by incineration under approved conditions.  
See local laws and regulations before proceeding to disposal.

**14. TRANSPORT INFORMATION**

Product is not classified for any kind of transportation.

**15. REGULATORY INFORMATION**

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard communication Standard, 29 CFR1910.1200

**16. OTHERS**

This Safety Data Sheet cancels and replaces any previous edition. We recommend the divulgation to possible other customers and final users. Information reported are based on available knowing on safety prescriptions of the product at issue date. As a consequence, DUNA-Usa Inc. does not accept responsibilities for workers' behaviours non-conforming to the contents of this document.

The users are directly responsible for both their industrial hygiene and their wastes' disposal.

n.d. = not available

n.a. = not applicable