NIDA CORE

STRUCTURAL HONEYCOMB MATERIALS

Revision: 1/18/2006

NIDA-FOAM ISO-25/C1 (UNFACED)

MATERIAL SAFETY DATA SHEET

NIDA-CORE CORP.
541 NW INTERPARK PLACE
PORT ST. LUCIE, FL 34986

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product. This product is covered by the OSHA Hazard Communication Rule and this document has been prepared in accordance with the MSDS requirements of the rule.

I. General

Trade Name:	*ISO-25/C1 Series 200*
Telephone Number:	772-343-7300 Port St. Lucie, FL
Other Names:	*UNFACED ISO*
Chemical Name/Family:	*POLYISOCYANURATE RIGID INSULATION*
DOT Hazardous Materials Proper Shipping Name:	*NOT REGULATED (SEE SUPPLEMENT)*
Generic Name:	*POLYISOCYANURATE*
DOT Hazard Class:	*NOT REGULATED*
CAS No:	*PROPRIETARY*
Amount:	*100%*
PEL/TLV:	*NOT ESTABLISHED*

II. Summary of Hazards

Physical Hazards:

Acute Health Effects: (Short-Term)	*CAN BE A MECHANICAL IRRITANT TO SKIN, EYES, & UPPER RESPIRATORY SYSTEM DURING FABRICATION*
Chronic Health Effects: (Long-Term)	*STUDIES SHOW NO STATISTICALLY SIGNIFICANT INCREASED RISK OF RESPIRATORY DISEASES*

III. Fire and Explosion

Flash Point (Method): UNKNOWN

Auto-ignition Temperature: UNKNOWN

Flammable Limits (% Vol. in Air) At Normal Atmospheric Temperature and Pressure: **Lower:** *N/A* **Upper:** *N/A*

Fire and Explosion Hazards: *POLYISOCYANURATE FOAM WILL BURN IF EXPOSED TO FLAME OF SUFFICIENT HEAT AND INTENSITY. LIKE OTHER ORGANIC MATERIALS, CAN RELEASE TOXIC SMOKE IF IGNITED.*

Extinguishing Media: *DRY CHEMICAL, CO_2, WATER SPRAY, WATER FOG, FOAM, WATER*

Special Firefighting Procedures: *SELF-CONTAINED BREATHING APPARATUS*

IV. Health Hazards

Summary of Acute Hazards: *SLIGHT. SEE BELOW*

ROUTE OF EXPOSURE	SIGNS AND SYMPTOMS
Inhalation:	*NO SIGNIFICANT SIGNS OR SYMPTOMS INDICATIVE OF ANY ADVERSE HEALTH ARE EXPECTED TO OCCUR AS A RESULT OF INHALATION EXPOSURE.*
Eye Contact:	*MAY CAUSE MINOR EYE IRRITATION FROM DUST ORIGINATING FROM FABRICATION.*
Skin Absorption:	*NO SIGNIFICANT SIGNS OR SYMPTOMS INDICATIVE OF ANY ADVERSE HEALTH HAZARD ARE EXPECTED TO OCCUR AS A RESULT OF SKIN ABSORPTION.*
Skin Irritation:	*MAY PRODUCE SLIGHT SKIN IRRITATION.*
Ingestion:	*NO SIGNIFICANT SIGNS OR SYMPTOMS INDICATIVE OF ANY ADVERSE HEALTH HAZARD ARE EXPECTED TO OCCUR AS A RESULT OF INGESTION. PRODUCT IS NOT FOR CONSUMPTION.*

Summary Chronic Hazards and Special Health Effects: *THE MAJOR COMPONENTS OF THIS PRODUCT HAVE NOT BEEN IDENTIFIED AS SIGNIFICANT HAZARDS IN LONGTERM STUDIES. NO ADDITIONAL MEDICAL INFORMATION FOUND.*

V. Protective Equipment and Other Control Measures

Respiratory: *USE MASK DURING FABRICATION. USE NIOSH/OSHA APPROVED RESPIRATORY EQUIPMENT.*

Eye: *WEAR SAFETY GLASSES OR GOGGLES.*

Skin: *NOT NORMALLY CONSIDERED A SKIN HAZARD. PRACTICE GOOD PERSONAL HYGIENE.*

Engineering Controls: *EXERCISE GOOD HOUSEKEEPING PROCEDURES. REMOVE DUST DURING FABRICATION BY VACUUM.*

Other Hygienic And Work Practices: *PROVIDE ADEQUATE VENTILATION WHEN FABRICATING. REMOVE DUST PROMPTLY.*

VI. Occupational Exposure Limits

Substance	Time	Source	Date	Type	Value/Units
NUISANCE DUST (TOTALS)	OSHA	1989	TWA	15 MG/MS	8 HRS
NUISANCE PARTICULATES	ACGIH	1989	TWA	10 MG/M3	8 HRS
NUISANCE DUST (RESP.)	OSHA	1989	TWA	5 MG/M3	8 HRS

VII. Emergency and First Aid

Inhalation: *REMOVE TO FRESH AIR.*

Eye Contact: *FLUSH WITH WATER FOR 15-20 MINUTES OR UNTIL IRRITATION CEASES.*

Skin Contact: *WASH WITH SOAP AND WATER.*

Ingestion: *IF SWALLOWED, DILUTE WITH WATER. DO NOT INDUCE VOMITING.*

Emergency Medical Treatment Procedures: *PERSONS WHO DEVELOP SYMPTOMS OF ALLERGY, IRRITATION, RESPIRATORY PROBLEMS OR PUFFINESS AROUND THE EYES SHOULD BE EXAMINED BY A PHYSICIAN AS SOON AS POSSIBLE.*

VIII. Spill and Disposal

Precautions If Material is Spilled or Released: *NOT APPLICABLE*

Waste Disposal Methods: *DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.*

IX. Components

(This may not be a complete list of components)

Component Name	(%)	CAS No.	Carcinogen
POLYISOCYANURATE	*<60*	*NONE*	*NONE*

X. Physical and Chemical Data

Boiling Point: *NOT APPLICABLE*

Viscosity Units, Temp. (Method): *NOT APPLICABLE*

Dry Point: *NOT APPLICABLE*

Freezing Point: *NOT APPLICABLE*

Vapor Pressure: *NOT APPLICABLE*

Volatile Characteristics: *NOT APPLICABLE*

Specific Gravity: (H_2O = 1 at 39.2□ F): *NOMINAL 2.0 PCF*

Vapor Sp. Gr. (Air = 1.0 at 60□ - 90□ F): *NOT APPLICABLE*

Solubility in Water: *NOT APPLICABLE*

pH: *NOT APPLICABLE*

Hazardous Polymerization: *NOT EXPECTED TO OCCUR*

Other Chemical Reactivity: *NONE*

Stability:	*STABLE*
Other Physical and Chemical Properties:	*NONE*
Appearance and Odor:	*RIGID TAN CELLULAR PLASTIC. NO ODOR.*
Conditions to Avoid:	*OPEN FLAME OR OTHER IGNITION SOURCES. PROLONGED EXPOSURE TO THE ELEMENTS.*
Materials to Avoid:	*DIRECT APPLICATION OF HOT ASPHALT.*
Hazardous Decomposition Products (Fire):	*LIKE WOOD AND OTHER ORGANIC MATERIALS CAN RELEASE TOXIC SMOKE IF IGNITED*

XI. Additional Precautions

Handling, Storage and Decontamination Procedure:	*WHEN STORED OUTDOORS, STACK AT LEAST 4" ABOVE GROUND LEVEL AND COVER WITH TARPAULINS OR OTHER SUITABLE COVERING. PROTECT FROM MOISTURE.*
General Comments:	*SOME OF THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE PRODUCT ITSELF.*

XII. Regulatory Information

a. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III

EXEMPT. APPENDIX H(4) SECTION 1910, 1200(b) AS A MANUFACTURED ITEM a), b), c), AND SECTION 311(e) #10.

b. TOXIC SUBSTANCES CONTROL ACT (TSCA)

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

c. COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA)

NO CHEMICALS IN THIS PRODUCT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF CERCLA.

XIII. Supplement

SHIPPING REGULATIONS

NOT CLASSIFIED AS A HAZARDOUS MATERIAL BY DEPARTMENT OF TRANSPORTATION DEFINITIONS AND HENCE IT IS NOT REGULATED.

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