

INLAND PACKAGING -- INNERBOND C-910 GENERAL PURPOSE SEALANT -- 8030-01-347-0968

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Product Identification
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Product ID:INNERBOND C-910 GENERAL PURPOSE SEALANT

MSDS Date:08/16/1995

FSC:8030

NIIN:01-347-0968

Status Code:A

MSDS Number: CJHKQ

=== Responsible Party ===

Company Name:INLAND PACKAGING

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Emergency P

hone Num:502-737-6758

CAGE:66172

=== Contractor Identification ===

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

Contract Num:GS-10F-40302

CAGE:66172

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Composition/Information on Ingredients
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Ingred Name:METHYLTRACETOXYSILANE

CAS:4253-34-3

RTECS #:VV4500000

Fraction by Wt: 2%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM;STEL 15 PPM

Ingred Name:ETHYLTRIAC

ETOXYSILANE
CAS:17689-77-9
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM;STEL 15 PPM

Ingred Name:SILICA, AMORPHOUS
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

===== Hazards Identification =====

Health Hazards Acute and Chronic:EYE: DIRECT CONTACT IRRITATES SLIGHTLY TO MODERATELY WITH REDNESS & SWELLING. SKIN: A SINGLE SHORT EXPOSURE (LESS THAN 24 HOURS) MAY IRRITATE. REPEATED/PROLONGED CONTACT (24 TO 48 HOURS) MAY IRRITATE MODERATELY. INHALATION: VAPOR OVEREXPOSURE MAY IRRITATE EYES, NOSE, THROAT. ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY CAUSE DIGESTIVE DISCOMFORT.

Effects of Overexposure:NO INJURY FROM DUSTS SHOULD OCCUR DURING REASONABLE USE. IF USE CREATES RESPIRABLE PARTICLES SOME RESPIRATORY SYSTEM INJURY MAY OCCUR. CURED SEALANT IS NON-HAZARDOUS.

THE LISTED POTENTIAL EFFECTS OF OVEREXPOSURE (SEE ABOVE) ARE BASED ON ACTUAL DATA, RESULTS OF STUDIES PERFORMED ON SIMILAR COMPOSITIONS, COMPONENT DATA, AND/OR EXPERT REVIEW OF THE PRODUCT. WHEN HEATED TO TEMPS >150 C IN PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD, KNOWN SKIN & RESP SENSITIZER, & IRRITANT TO EYES, NOSE, THROAT, SKIN, & DIGESTIVE SYSTEM. KEEP VAPORS WITHIN OSHA PERMISSIBLE EXPOSURE LIMIT

FOR FORMALDEHYDE.

Medical Conditions Aggravated by Exposure:OVEREXPOSURE TO ANY CHEMICAL CAN RESULT IN ENHANCEMENT OF PRE-EXISTING ADVERSE MEDICAL CONDITIONS AND ALLERGIC REACTIONS.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WIPE OFF AND FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST

T. ORAL: NO FIRST AID SHOULD BE NEEDED. COMMENTS: TREAT ACCORDING TO PERSON'S CONDITION & SPECIFICS OF EXPOSURE.

===== Fire Fighting Measures =====

Flash Point Method:OC

Extinguishing Media:WATER, WATER FOG, CO2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS (SCBA) & PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE PRODUCT AND CONTAIN FOR SALVAGE OR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:STORE BELOW 90F/ 32C. PRODUCT FORMS ACETIC ACID (HOAC) WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE ADEQUATE VENTILATION DURING USE TO CONTROL HOAC EXPOSURE WITH IN 10 PPM (CURRENT TLV) OR USE RESPIRATORY PROTECTION.

Other Precautions:TRACES OF FORMALDEHYDE (CARCINOGEN) MAY FORM IF

HEATED IN AIR ABOVE 300F/149C. PROVIDE VENTILATION TO CONTROL VAPOR EXPOSURE WITHIN INHALATION GUIDELINES WHEN HANDLING AT ELEVATED TEMPERATURES. REVIEW OSHA FORMALDEHYDE REGULATION FOR SAFE HANDLING REQUIREMENTS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE RESPIRATORY PROTECTION UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN TLV & PEL GUIDELINES. SUITABLE RESPIRATOR: ORGANIC VAPOR TYPE.

Ventilation:LOCAL EXHAUST, MECHANICAL GENERAL

Protective Gloves:RUBBER, PLASTIC GLOVES ARE RECOMMENDED.GLOVES:SILVER SHIELD(R). 4H(R).

Eye Protection:SAFETY GLASSES, AS A MINIMUM

Work Hygienic Practices:WASHING AT MEALTIME & END OF SHIFT IS ADEQUATE.

REMOVE & WASH CONTAMINATED CLOTHING & SHOES BEFORE REUSE ASAP. ALL THESE MENTIONED PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING.

Supplemental Safety and Health

PRECAUTIONS: AVOID BREATHING VAPORS. USE ONLY W

WITH ADEQUATE

VENTILATION. DO NOT TAKE INTERNALLY. GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING. PRODUCT USE @ ELEVATED TEMPS/AEROSOL APPLICATIONS REQUIRE EXTRA PRECAUTIONS.

===== Physical/Chemical Properties =====

HCC:V7

Spec Gravity:1.03 @ 77F/25C

Solubility in Water:NONE

Appearance and Odor:ACETIC ACID-LIKE, PASTE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION. AIR OR MOISTURE CAUSES CURING & ACETIC ACID VAPORS FORM.

Stability Condition to Avoid:EXPOSURE TO AIR OR MOISTURE UNTIL READY TO USE.

Hazardous Decomposition Products:SILICON DIOXIDE, CARBON DIOXIDE, & TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

===== Toxicological Information =====

Toxicological Information:WHEN HEATED TO TEMPS ABOVE 150 C IN THE

PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD, A KNOWN SKIN & RESPIRATORY SENSITIZER, & IRRITANT TO EYES, NOSE, THROAT, SKIN & DIGESTIVE SYSTEM. SAFE HANDLING CONDITIONS MAY BE MAINTAINED BY KEEPING VAPOR CONCENTRATIONS WITHIN THE OSHA PERMISSIBLE EXPOSURE LIMIT FOR FORMALDEHYDE. TRACES OF FORMALDEHYDE IF HEATED IN AIR ABOVE 300F/149C. PROVIDE VENTILATION AT CONTROL VAPOR EXPOSURE WITHIN INHALATION GUID

ELINES WHEN HANDLING AT ELEVATED TEMPS. REVIEW OSHA FORMALDEHYDE REGULATIONS.

===== Ecological Information =====

Ecological:PRODUCT FORMS ACETIC ACID (HOAC) WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE VENTILATION DURING USE TO CONTROL HOAC EXPOSURE WITHIN 10 PPM (CURRENT TLV) OR USE RESPIRATORY PROTECTION.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE &

FEDERAL REGULATIONS CONCERNING HEALTH & POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES. CONTACT INLAND PACKAGING, INC. IF THERE ARE ANY DISPOSAL QUESTIONS.

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===== Regulatory Information =====

SARA Title III Information:SARA 312 HAZARD CLASS: ACUTE. PRODUCT CONTAINS NO INGREDIENT SUBJECT TO DOT OR EPA CERCLA-SARA ENVIRONMENTAL RELEASE REPORTING REGULATIONS.

State Regulatory Information:STATE: PA: SILICA, AMORPHOUS; DIMETHYL

SILOXANE, HYDROXY-TERMINATED. STATE: MA: SILICA, AMORPHOUS. STATE: NJ: SILICA, AMORPHOUS, FUMED; #1655; METHYLTRIACTOXYSILANE; ETHYLTRIACTOXYSILANE; DI METHYL SILOXANE, HYDROXY-TERMINATED.

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===== Other Information =====

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