

MATERIAL SAFETY DATA SHEET

SECTION I

DATE OF PREPARATION
April 2013

PRODUCT NAME: ICO Urea Guard Caulk
PRODUCT CLASS: Part A
PRODUCT TYPE: 4, 4'-Methylene, Polyurethane Polymer
D.O.T. CATEGORY: Chemical, NOIBN Not D.O.T. regulated
ADDRESS: International Coatings
Div. of Milamar Coatings, L.L.C.
311 N.W. 122nd St. Ste. 100
Oklahoma City, OK 73114
TELEPHONE: 405-755-8448
EMERGENCY: CHEM TEL 800-255-3924

SECTION II - HAZARDOUS INGREDIENTS

Listed below are the hazardous component(s) as defined in 49 CFR 172 and 29 CFR 1910 which are present in this product and all components which appear on the hazardous substance list of any state:

Chemical Name	CAS-No.	Weight
Polyurea Polymer	NJ TSN# 51721300-5119P	>60.0%
4,4'-Methylene	101-68-8	15.0 - 40.0
Diphenylmethane diisocyanate	26447-40-5	10.0 - 30.0

SECTION III - PHYSICAL DATA

PHYSICAL STATE: Liquid Solution / Clear
ODOR: Slight
SPECIFIC GRAVITY: 1.05 at 77 °F.
DENSITY: Heavier than air
PERCENT VOLATILES: 0 at 70 °F

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 325 °F, 163 °C (Seta closed cup)
EXTINGUISHING DATA: If water fog is ineffective, use carbon dioxide, dry chemical or foam
HAZARDOUS COMBUSTION: Carbon monoxide and carbon dioxide can form. Smoke fumes. Hydrocyanic acid and nitrogen oxides can form.

NOTE: This product is not expected to ignite under normal conditions of use. Use accepted firefighting techniques, full firefighting clothing including a self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for at least a minimum of 15 minutes while holding eye lids apart. **GET MEDICAL ATTENTION IMMEDIATELY AFTER FLUSHING**
SKIN: Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately
INHALATION: Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Avoid further exposure. If symptoms persist, get medical attention.
INGESTION: **DO NOT INDUCE VOMITING unless advised by a physician** Call nearest Poison Control Center or Physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY: Stable under normal storage conditions.
INCOMPATIBILITY: Avoid contact with acids, bases, amines, water or moisture and alcohol
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

SECTION VII - SPILL OR LEAK PROCEDURE

IF MATERIAL IS SPILLED: Avoid contact with material. Persons not wearing appropriate protective equipment (see below) should be excluded from the area of spill until clean-up is complete. Stop spill at source, dike area to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on clay, diatomaceous earth or other absorbent and shoveled into disposal containers.

WASTE DISPOSAL METHOD: Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use full engineering controls before relying on personal protective equipment. Wear appropriate, properly fitted air purifying respirator with combination particulate filter.

HAND PROTECTION: Impervious gloves, neoprene or rubber.

EYE PROTECTION: Wear appropriate eye protection – chemical safety goggles and/or face shield – to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

SKIN AND BODY: Prevent contact with shoes and clothing

OTHER PROTECTIVE EQUIPMENT: Use professional judgment in selection care and use. Use only in well ventilated areas – provide maximum ventilation to enclosed areas.

SECTION IX - SPECIAL PRECAUTIONS

1. Prevent all skin and eye contact.
2. Avoid breathing vapors.
3. Re-seal part used containers.
4. Ensure that **all** containers are properly labeled to prevent accidental ingestion.
5. Wash with soap and water before eating, drinking, smoking or using toilet facilities.
6. Observe conditions of good industrial hygiene and safe working practice.

THE INFORMATION HEREIN RELATES TO THE PRODUCT NAMED AND IS BASED UPON INFORMATION INTERNATIONAL COATINGS CONSIDERS TO BE ACCURATE. NO WARRANTY EXPRESSED OR IMPLIED IS INTENDED.

MATERIAL SAFETY DATA SHEET

SECTION I

DATE OF PREPARATION

April 2013

PRODUCT NAME: ICO Urea Guard Caulk
PRODUCT CLASS: Part B
D.O.T. CATEGORY: Chemical, NOIBN Not D.O.T. regulated
ADDRESS: International Coatings
Div. of Milamar Coatings, L.L.C.
311 N.W. 122nd St. Ste. 100
Oklahoma City, OK 73114
TELEPHONE: 405-755-8448
EMERGENCY: CHEM TEL 800-255-3924

SECTION II - HAZARDOUS INGREDIENTS

NFPA Hazard Ratings: Health 3, Flammability 1, Reactivity 0

Listed below are the hazardous component(s) as defined in 49 CFR 172 and 29 CFR 1910 which are present in this product and all components which appear on the hazardous substance list of any state.

Bis (2-propylheptyl) phthalate:	53306-54-0	40 - 70 %
Talc:	14807-96-6	10 - 30%
Polyether polyol:	25723-16-4	10 - 30%
Diethyltoluenediamine:	68479-98-1	7 - 13%
Propoxylated Amine:	102-60-3	3 - 7 %
Amorphous silica:	7631-86-9	1 - 5%

SECTION III - PHYSICAL DATA

Appearance: Gray Liquid
Odor: Slight
PHYSICAL PROPERTIES:
Vapor Density: Heavier than air
Water Miscibility: Dispersible
Percent Volatiles: 0 at 70°F
Specific Gravity: 1.1
pH: Not available

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F, >93 °c (Setaflash Closed Cup).

Lower flammable limit : Not available

Upper flammable limit Not available

EXTINGUISHING MEDIA: Use that which is appropriate to the surroundings

Unusual fire or explosion hazards (conditions to avoid):

Carbon monoxide and carbon dioxide can form. Smoke fumes.

NOTE: This product is not expected to ignite under normal conditions of use. Use accepted firefighting techniques, full firefighting clothing including a self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for at least a minimum of 15 minutes while holding eye lids apart. If irritation persist, get medical attention

SKIN: Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately

INHALATION: Move to fresh air. Avoid further exposure. If symptoms persist, get medical attention.

INGESTION: **GET MEDICAL ATTENTION** Do not induce vomiting

SECTION VI - REACTIVITY DATA

Incompatible materials (materials to avoid) Strong acids, bases and oxidizers

Product is stable under normal conditions.

Hazardous polymerization will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to take if spilled: Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation requirements: Local, except in confined spaces, e.g., tanks, in which case proper respiratory equipment (see below) is required.

Personal protective equipment recommended for normal use conditions:

Eye protection: Full face shield and chemical goggles

Skin protection: Rubber or plastic gloves

Respiratory protection: Respirator with organic vapor cartridge (N/A with local exhaust).

SECTION X – SPECIAL PRECAUTIONS

1. Prevent all eye and skin contact
2. Corrosive material; can cause skin sensitization
3. Re-seal partly used containers. Store in cool, dry place
4. Observe conditions of good industrial hygiene and safe working practice
5. Wash with soap and water before eating, drinking, smoking or using lavatory.

SECTION XI – TRANSPORTATION

DOT Proper shipping name: Chemical NOIBN, Not D.O.T. regulated

DOT Hazard classification or division:

Identification number:

Packaging group:

Labels required: NONE

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