MATERIAL SAFETY DATA SHEET
In compliance with OSHA 29 CFR 1910.1200
N.ap means Not Applicable NIA means No Information Available

PREPARED BY : N.A.ROBINSON DATE PREPARED : 28 NOV 2000

BELZONA INC., 2000 N.W. 88 COURT, MIAMI, FL 33172	EMERGENCY PHONE NUMBERS (Spill, Leak, Fire, Exposure or Accident) 800 424 9300 - Toll free in United States 202 483 7616 - For calls from outside the United States INFORMATION PHONE NUMBER 305 594 4994 - Working hours only

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : 1200/1153
PRODUCT NAME : Belzona® 2921 (Elastomer GP Conditioner)
PRODUCT CLASS : Aromatic isocyanate

SECTION II - HAZARDOUS INGREDIENTS/TOXICOLOGICAL DATA

Hazardous Components	% by Weight	CAS Number	Exposure Limits OSHA PEL mg/m^3	ACGIH (TWA)TLV ppm	ppm	Toxicity LD_{50} Oral mg/Kg	Dermal mg/Kg	LC_{50} Inhal mg/m^3
Diphenylmethane-4,4'-diisocyanate (MDI)	4.5	101-68-8	0.2	0.02	0.005	9200	NIA	178
Dichloromethane	75	75-09-2	25ppm (TWA)	N.ap	50	1600	NIA	5200

CARCINOGENICITY
Dichloromethane is listed by IARC as a Group 2B carcinogen (possibly carcinogenic to humans) and is listed by ACGIH as 'A3' (Confirmed animal carcinogen with unknown relevance to humans).

SECTION III - PHYSICAL DATA

APPEARANCE AND ODOR : Clear light brown liquid with penetrating odor.
BOILING POINT : 40°C SPECIFIC GRAVITY : 1.27
VAPOR PRESSURE : 355mm Hg @ 20° VAPOR DENSITY : Heavier than air
EVAPORATION RATE : NIA % VOLATILE BY VOLUME : 79.5
SOLUBILITY IN WATER : Reacts

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : Will not flash EXPLOSION LIMITS LOWER : 14
TEST METHOD : N.ap UPPER : 22

OSHA FLAMMABILITY CLASS : N.ap
FLAMMABILITY INDEX (NFPA) : 1 Slight
REACTIVITY INDEX (NFPA) : 1 Slight
HEALTH HAZARD (NFPA) : 3 Serious

EXTINGUISHING MEDIA : Water fog (not a direct stream of water), foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES

Wear protective clothing and use self-contained breathing apparatus to protect against inhalation of poisonous vapors and other decomposition/combustion products. Full bunker gear should be worn in extreme cases. Use sand to contain burning material.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Not flammable, however vapors can form explosive mixture with air. Decomposition (>250°C) and combustion products may be hazardous.

SECTION V - HEALTH HAZARDS

ROUTE(S) OF ENTRY : Skin and eye contact, skin absorption, ingestion and inhalation.
PRIME HAZARD(S) : Toxic. Sensitizer.

EFFECTS OF EXPOSURE

Acute : There is no data on the product itself. Based on the properties of the isocyanate content of this product, respiratory exposure may cause acute irritation and/or sensitization of the respiratory system, resulting in asthmatic symptoms, wheezing and a tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to airborne concentrations of isocyanates well below the occupational exposure limit. Repeated exposure may lead to permanent respiratory disability. Causes of allergic skin reaction have been observed.

Chronic : There is no data on the product itself. Methylene chloride is harmful by inhalation. Continued or high exposures by inhalation will cause anaesthetic effects. This may result in loss of consciousness and could prove fatal. Repeated exposure to high levels of methylene chloride may produce adverse effects on the liver and kidneys. Some tests on laboratory animals have shown methylene chloride to be carcinogenic. Well established species differences have shown the carcinogenic response in animals to be of little relevance to man and that methylene chloride does not represent a carcinogenic risk under foreseeable conditions of handling and use. OSHA interprets these results to mean that there is suggestive (but not absolute) evidence that Methylene chloride is a human carcinogen.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation : If symptoms are experienced, move victim to fresh air immediately. If recovery is delayed or there are signs of distress obtain medical attention immediately.

Eye contact : Flush eyes with water for 15 minutes. Seek medical advice if any irritation persists.

Skin contact : Immediately remove excess with a clean cloth and wash skin thoroughly with soap and water. If irritation or inflammation persists, seek medical advice.

SECTION VI - REACTIVITY DATA

Ingestion : If swallowed, do not induce vomiting. Danger of aspiration of vapors if vomiting occurs. Rinse mouth with water and drink plenty of water. Call TAMPA BAY Regional Poison Center (Tel.No.1-800-282-3171) and seek medical attention immediately.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not risk exposure to respiratory sensitizers.

STABILITY : Stable at ambient temperatures and pressures
STABILITY CONDITIONS TO AVOID :
Avoid sources of ignition such as sparks, hot spots, welding, flames and cigarettes. Explosions may result if vapor concentration is within the explosion limits. Non-explosive concentrations of vapor may yield toxic and/or corrosive decomposition products.

INCOMPATIBILITY (MATERIALS TO AVOID CONTACT WITH)
Water (Carbon dioxide evolved), strong oxidizers, alcohol or amines.

HAZARDOUS DECOMPOSITION PRODUCTS
Gaseous combinations of carbon, hydrogen, nitrogen, chlorine and oxygen may occur at elevated temperatures.

HAZARDOUS POLYMERIZATION
Hazardous polymerization will not occur when stored and used as directed.

POLYMERIZATION CONDITIONS TO AVOID
N.ap

SECTION VII - SPILL AND LEAK PROCEDURES

SPILLAGE
Absorb with a dry inert material (e.g. sand). Sweep up, place into suitable labelled containers, seal and dispose of properly. Flush area with dilute ammonium hydroxide or water-alcohol mixture.

WASTE DISPOSAL METHODS
Dispose of in accordance with Local, State and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE MEASURES
RESPIRATORY : In confined areas or where good natural/mechanical ventilation is not available, leading to a risk of exceeding the TLV's indicated, an appropriate NIOSH or MSHA approved respirator should be worn.

SKIN : Impermeable gloves, such as Neoprene or Nitrile. Wash hands with soap and water and use hand cream. Suitable protective clothing to minimize skin contact. Remove contaminated clothing and wash before reuse.

EYE : Safety glasses or goggles. Eyewash station.

MECHANICAL PROTECTIVE MEASURES
VENTILATION : Where adequate natural ventilation is not available provide suitable local exhaust ventilation.

OTHER PROTECTIVE EQUIPMENT
: Where there is a risk of contamination of footwear, safety boots should be worn and cleaned thoroughly before reuse. Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

SECTION IX - SAFE HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS
HANDLING
Avoid breathing vapors and contact with skin and eyes.

STORAGE
Overheating may cause containers to rupture. Unopened containers should be stored under cool, dry conditions. Empty containers will retain residue and may be dangerous. Check all containers for leaks at regular intervals and before use.

HYGIENE PRACTICES
When using, do not eat, drink or smoke. Remove contaminated clothing and launder before reuse. Wash hands with soap and water after handling this product.

SECTION X - REGULATORY INFORMATION

SARA TITLE III - NOTIFICATION OF TOXIC CHEMICALS
Diphenylmethane-4,4'-diisocyanate, CAS Number 101-68-8, and Dichloromethane, CAS Number 75-09-2, which are constituents of this product are subject to the reporting requirements of section 313 of the Superfund Amendment and Reauthorization Act of 1986 (40 CFR Part 372).

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, some of the information presented and conclusions drawn are derived from sources other than direct test data on the product itself and while Belzona Inc. believe such sources to be reliable, the information is provided without any warranty regarding its correctness.
Since Belzona Inc. has no control over the conditions under which the product will be used, liability will not be assumed to exceed replacement or refund of the purchase price of this product. Except as stated herein, there are no express or implied warranties including implied warranties of merchantability or fitness for a particular purpose. Belzona Inc. assumes no liability for injury or incidental or consequential damage arising out of the storage, handling, use or disposal of this product.