

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: Titebond Neoprene Plus Contact Cement Clear

MSDS Number: 3555

Revision Date: 5/7/07

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond Neoprene Plus Contact Cement
Clear

CAS Number: none

HMIS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Company Identification: Franklin International
2020 Bruck Street
Columbus OH 43207

Contact: Franklin Technical Services
Telephone/Fax: (800) 877-4583 (614) 445-1493
Emergency Phone (24 Hour): Franklin Security
(614) 445-1300
Chemtrec (24 Hour): (800) 424-9300
Chemtrec International: (703) 527-3887

Product Class: water/solvent/neoprene based
Product Use: contact cement
Product Code: 51420

Division: Construction Adhesives & Sealants

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
toluene	108-88-3	2.99

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: VAPOR HARMFUL. Contains emulsified TOLUENE. Use only with positive cross-ventilation. Do not allow contact with eyes or prolonged contact with skin. Do not ingest. KEEP OUT OF THE REACH OF CHILDREN. Material is clear thin liquid that is slippery when wet and alkaline in nature.

ROUTES OF ENTRY:

Ingestion: Yes
Inhalation: Yes
Skin: Yes
Eye: Yes

INHALATION:

Avoid breathing vapor or mists.
May cause headaches and dizziness.

INGESTION:

Ingestion is not a probable route of exposure. Product is highly alkaline. Caustic will affect the central nervous system and cause

severe stomach distress.

SKIN:

Prolonged or repeated skin contact can cause irritation.

May be harmful if absorbed through skin, may produce kidney, liver and central nervous system damage.

A single exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

EYE:

Eye contact with highly alkaline substance may cause irreversible eye damage. Eye protection must be worn.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting neurological conditions, skin disorders, and respiratory disease.

CARCINOGENICITY:

IARC: No

NTP: No

OSHA: No

REPRODUCTIVE TOXICITY:

Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

TARGET ORGANS:

Prolonged or repeated overexposure may cause eye, skin, respiratory system, central nervous system, liver, and kidney damage.

SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove to fresh air. If difficulty persists, seek medical attention.

INGESTION:

Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

SKIN:

Wash with soap and water. Contact a physician if irritation develops or persists.

EYE:

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Class (OSHA) IIIIB

Flash Point: > 200 F

Setaflash

Explosive Range: Not applicable

EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS:

Fumes, smoke, CO and CO2 in the case of incomplete combustion in air.

Hydrogen chloride at temperatures above 392 F (200 C).

FIRE FIGHTING PROCEDURES:

Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use inert absorbent to dike the spill. Keep away from drains.

CLEAN-UP:

Spread absorbent over material and scrape up material/absorbent and place in an approved container. If product has dried scrape up and place in an approved container.

EMERGENCY MEASURES:

Isolate hazard area. Keep unnecessary and unprotected personnel from entering area. Wear all appropriate personal protection equipment (PPE) (see Section 8).

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Wash thoroughly after handling.
Use only in well ventilated area.
Follow all MSDS/label precautions even after container is emptied.
Containers may retain product residues and vapors.
Avoid prolonged or repeated contact with the skin.

STORAGE:

Store at temperatures at or below 125F
Keep from freezing.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
toluene	20.00 PPM	N/est	N/est	N/est	200.00 PPM

The OSHA Ceiling for toluene is 300 ppm.

ENGINEERING CONTROLS:

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

OTHER:

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION:

Where exposure limits may be exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION:

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

SKIN PROTECTION:

Where repeated or prolonged contact can occur, wear chemical resistant gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Appearance/Color: White
Odor: Mild latex
Solubility (in water): Dispersible
pH Value: 10.5
Boiling Range/Point: c 212 F
Evaporation Rate: Slower than n-Butyl Acetate

% Volatile: 49.8%
Specific Gravity: 1.09
VOC: 79.6 g/l

SECTION 10 - STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

CONDITIONS TO AVOID:

Temperatures below 32 degrees F.

INCOMPATIBILITY:

Strong acids and strong bases

HAZARDOUS DECOMPOSITION PRODUCTS:

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Adverse health effects are not expected from normal use of this product. The following is toxicological information for individual components.

Toluene - Acute:

Toluene is a central nervous system depressant and skin and mucous membrane irritant. Severe dermatitis may result from its drying and defatting action. Toluene is an aspiration hazard causing chemical pneumonitis.

Toluene - Chronic:

Toluene can cause cardiac sensitization. It is toxic to the kidney, liver can cause effects on the blood system such as increased clotting time.

Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

SECTION 12 - ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL:

Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number	None
UN Pack Group	N/A
UN Class	Nonhaz
ICAO/IATA Class	Nonhazardous
IMDG Class	Nonhazardous
Shipping Name	Nonhazardous

Packaging may not be approved for shipping by air. Please contact Franklin International for further information.

SECTION 15 - REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and

Community Right to Know Act of 1986 and of 40 CFR 372:

Chemical Name	CAS Number	Percent
toluene	108-88-3	2.99

- PROP 65 (TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Chemical Name	CAS Number	Percent
toluene	108-88-3	2.99

TSCA (Toxic Substances Control Act Inventory):

All components of this product are listed on the TSCA inventory except as exempted.

PENNSYLVANIA:

Hazardous components required to be listed at .01% or more:

zinc oxide 1314-13-2

Hazardous components required to be listed at 1% or more:

toluene 108-88-3

Nonhazardous components required to be listed at 3% or more:

water 7732-18-5, polychloroprene rubber 9010-98-4, rosin ester 8050-26-8

NEW JERSEY:

water 7732-18-5, polychloroprene rubber 9010-98-4, rosin ester 8050-26-8, toluene 108-88-3, zinc oxide 1314-13-2

SECTION 16 - OTHER INFORMATION

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin International makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.