



SAFETY DATA SHEET

Issue Date 12-July-2023

Revision Date N/A

Version 1

1. IDENTIFICATION

Product identifier

Product Name PRIME TIME BASE - Part B

Recommended use of the chemical and restrictions on use

Recommended Use Concrete Coating.

Uses advised against No Data

Details of the supplier of the safety data sheet

Distributor Address

Tooling Pros. – 637 Landis Ave. Bridgeton, NJ 08302 PH: 856-455-6777

Emergency telephone number

Company Phone Number 856-455-6777

24 Hour Emergency Phone Number 800-535-5053 (United States & Canada), International Call: 1-352-323-3500

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Specific Target Organ Toxicity - Repeated Exposure	Category 1
Acute toxicity	Category 4
Skin Irritation	Category 2
Eye Irritation	Category 2
Skin Sensitization	Category 1
Specific Target Organ Toxicity - Single Exposure	Category 3

Label elements

Emergency Overview

Danger

Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause damage to organs through prolonged or repeated exposure.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause respiratory irritation.



Appearance Transparent Liquid**Physical state** liquid**Odor** Slight**Precautionary Statements - Prevention & Response**

If medical advice is needed, have product container or label at hand. Keep out of reach of children.

Read label before use.

Do not breathe dust/fume/gas/mist/vapors/spray.

In case of inadequate ventilation wear respiratory protection.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

Wash contaminated clothing before reuse.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Precautionary Statements - Storage

Store in well-ventilated place. Keep Cool. Keep container tightly closed. Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

Other Information

Contains isocyanates. May produce an allergic reaction.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

Chemical Name	CAS No.	Weight-%	Trade Secret
4,4'-methylenediphenyl diisocyanate	101-68-8	n/a	*
Modified MDI	25686-28-6	n/a	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures****General advice**

Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.

Eye contact

IF IN EYES: Immediately remove contact lenses if possible.

Skin contact

IF ON SKIN (or hair): Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

Inhalation

IF INHALED: Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably inside position for transportation.

Ingestion

IF SWALLOWED: Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed**Symptoms**

Breathing difficulty. Danger of impaired breathing.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat skin and mucous membrane with antihistamine and corticoid preparations. For additional information, see Safety Data Sheet.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

CO₂, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media Not available.

Specific hazards arising from the chemical

No further relevant information available.

Hazardous combustion products Not available.

Explosion data

Sensitivity to Mechanical Impact Not available.

Sensitivity to Static Discharge Not Available.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and fully protective suit.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation

Environmental precautions**Environmental precautions**

Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up**Methods for containment & Clean up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing fumes from hot material. Use with local exhaust ventilation. Avoid inhalation of vapor or mist. Avoid contact with eyes. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials Store away from food items.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines 4,4'-methylenediphenyl diisocyanate CAS# 101-68-8 PEL (USA) Short term value: C 0.2 mg/m³, C 0.02 ppm REL (USA) Short term value: C 0.2* mg/m³, C 0.02* ppm Long term value: 0.05 mg/m³, 0.005 ppm TLV 0.051 mg/m³, 0.005 ppm

Appropriate engineering controls

Engineering Controls General/Local Ventilation Recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.

Respiratory protection Use respiratory protection unless adequate local exhaust ventilation is provided, or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the workday. Keep away from food items, beverages, and feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Slight - Characteristic
Appearance	Transparent Liquid	Odor threshold	No data available
Color	Transparent Brown Liquid		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not Established	
Melting point / freezing point	Not Established	
Boiling point / boiling range	Not Established	
Flash point	Not Relevant	CC (closed cup)
Evaporation rate	Not Established	
Flammability (solid, gas)	Not Relevant	
Flammability Limit in Air		
Upper flammability limit:	Not Established	
Lower flammability limit:	0.4 Vol %	

Vapor pressure	Not Established	
Vapor density	Not Established	
Density at 20° C	1.1 g/cm ³	
Water solubility	Fully Soluble	Insoluble in water
Solubility in other solvents	Not Established	
Partition coefficient	Not Established	
Autoignition temperature	Not Established	
Decomposition temperature	Not Established	
Kinematic viscosity	Not Established	
Dynamic viscosity	Not Established	
Explosive properties	Not Established	
Oxidizing properties	Not Established	

Other Information

Softening point	Not Established
Molecular weight	Not Established
VOC Content (%)	< 50 g/L (Mixed A&B)
Density	Not Established
Bulk density	Not Established

10. STABILITY AND REACTIVITY

Reactivity

Not Available

Chemical stability

No thermal decomposition if used and stored according to specifications.

Possibility of Hazardous Reactions

Reacts with strong oxidizing agents, inorganic acid chlorides, strong acids, strong alkali, and amines. Exothermic polymerization.

Conditions to avoid

No further relevant information available.

Incompatible materials

No further relevant information available.

Hazardous Decomposition Products

Poisonous gases/vapors, carbon monoxide and carbon dioxide, hydrogen cyanide (prussic acid), nitrogen oxides, and isocyanate.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	Direct contact and vapor inhalation.
Eye contact	Direct contact.
Skin contact	Direct contact.
Ingestion	Direct contact.

Information on toxicological effects

Symptoms May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Irritating to eyes. Risk of serious damage to eyes.
Irritation	Irritating to eyes, respiratory system and skin.
Sensitization	Possible through inhalation and skin contact.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	Not Available.
STOT - single exposure	Not Available.
STOT - repeated exposure	May cause damage to organs through prolonged/repeated exposure.
Aspiration hazard	Not Available.

Numerical measures of toxicity - Product Information**12. ECOLOGICAL INFORMATION****Ecotoxicity****Persistence and degradability**

No data available.

Bioaccumulation

No data available.

Other adverse effects

Water hazard class 2 (GER) slightly hazardous for water. Do not allow undiluted product in large quantities to reach ground water, water course, or sewage system.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION**DOT**

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	No data available
ENCS	No data available
IECSC	No data available
KECL	No data available
PICCS	No data available
AICS	No data available

Legend:

All ingredients are on the inventory or fall under the polymer exemption or are on the no longer polymer list.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain the following chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

4,4'-methylenediphenyl diisocyanate CAS# 101-68-8

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations**U.S. EPA Label Information****16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<u>NFPA</u>	Health hazards 2	Flammability 0	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection X
Issue Date	12-July-2023			
Revision Date	N/A			
Revision Note				

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet