



chemical solutions to concrete problems

QUICK-FIX COMP A

Safety Data Sheet

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), Hazardous Products Regulation (HPR) (WHMIS 2015)

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Form	Mixture
Trade Name	QUICK-FIX COMP A
Product Code	QFA

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use	Industrial. For professional use only.
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1.2.2 Uses Advised Against

No additional information available

1.3 Details of the supplier of the safety data sheet

Manufacturer

NOX-CRETE, INC.
1444 SOUTH 20TH STREET
OMAHA, NE 68108
Tel: 402-341-2080
Fax: 402-341-9752
E-Mail: corporate@nox-crete.com
Web Site: www.nox-crete.com

1.4 Emergency telephone number

Emergency Number	Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887
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Section 2. Hazards identification

2.1 Classification of the substance or mixture

Skin Irrit. 2	H315
Skin Sens 1	H317
Eye Irrit. 2B	H319
Acute Tox. 4 (inhalation)	H332
Resp Sens 1	H334
STOT SE 3 Resp Irrit.	H335
STOT RE 1	H372

Full text of H phrases see section 16

Adverse physiochemical, human health and environmental effects

No additional information available

2.2 Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H315 - Causes skin irritation
H317 - May cause an allergic skin reaction



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H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
H372: May cause damage to organs through prolonged or repeated exposure

Precautionary statements

Prevention:

P260 – Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash exposed area's thoroughly after handling.
P270: Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection

Response:

P285 - In case of inadequate ventilation wear respiratory protection
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 -IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Storage:

P363 – Wash contaminated clothing before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

None known

Full text of H and P phrases: see section 16

Section 3. Composition / information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

Name	Product identifier	%
Diphenylmethane 4,4'-diisocyanate	101-68-8	20--40



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), Hazardous Products Regulation (HPR) (WHMIS 2015)

Diphenylmethane 2,4'-diisocyanate	5873-54-1	Trade Secret
Diphenylmethane 2,2'-diisocyanate	2536-05-2	Trade Secret

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration may be withheld as Trade Secret, while all health and safety properties and effects are included in the SDS. Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

Section 4. First aid measures

4.1 Description of first aid measures

First-aid measures general

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation

If the individual experiences nausea, dizziness, has difficulty in breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.

First-aid measures after skin contact

If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.

First-aid measure after eye contact

When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. Get medical attention immediately.

First-aid measures after ingestion

Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, acute and delayed

Symptoms/injuries after inhalation

May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.

Symptoms/injuries after skin contact

May cause skin irritation or burning sensation

Symptoms/injuries after eye contact

May cause eye irritation or injury

Symptoms/injuries after ingestion

May cause irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Dry chemical, foam, carbon dioxide

Unsuitable extinguishing media

If water is used it should be in very large quantities. The reaction between hot isocyanate and water may be vigorous.

5.2 Special hazards arising from the substance or mixture

Reactivity

Thermal decomposition products may cause a health hazard.

5.3 Advice for firefighters

Firefighting instructions

In a fire or if heated a pressure increase may occur and the container may burst.

Protective equipment for firefighters

Firefighters should always wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

Other information

On heating or burning harmful gasses/vapors may be released.



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), Hazardous Products Regulation (HPR) (WHMIS 2015)

This product may cause the floor to become slippery.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures

Cleanup should only be performed by trained personnel. People dealing with major spills should wear full protective clothing including respirator protection. Eliminate any ignition sources. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup.

6.11 Protective Equipment

Equip cleanup crew with proper protective equipment.

6.2 Environmental precautions

Prevent entry to sewers and public waters.

Notify authorities if liquid enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

Contain and absorb large spills onto an inert, non-flammable absorbent carrier (such as earth or sand). Shovel into open top drum for further decontamination, if necessary. Wash the spill area clean with liquid decontamination solution. Neutralize small spills with liquid decontamination solution. Remove and properly dispose of residues.

PREPERATION OF DECONTAMINATION SOLUTION -

Prepare a decontamination solution of (0.2-2.0 % liquid detergent and 3.0-8.0 % concentrated ammonia solution) water to make up 100% Follow the precautions on the supplier's Safety Data Sheets when preparing and using the solution.

USE OF DECONTAMINATION SOLUTION -

Allow deactivated material to stand for at least 30 minutes before shoveling into drums. Do not tighten drum bungs. Mixing with wet earth is also effective, but slower.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures

Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

Hygiene measures

Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in accordance with local regulations. Store in original container in a cool well-ventilated place away from heat, sparks and open flame.

Keep containers tightly closed until ready for use.

Incompatible materials

Water, alcohol, amines, bases and acids. Some reactions can be violent.

Storage temperature

Store in a cool dry environment away from sources of ignition.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States)
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According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), Hazardous Products Regulation (HPR) (WHMIS 2015)

Diphenylmethane 4,4'-diisocyanate

TWA: 0.005 ppm 8 hours

8.2 Exposure controls**Appropriate engineering controls**

Use with adequate ventilation to keep product vapor concentrations below specified TLV

Eye and face protection

Chemical goggles and/or face shields are recommended to prevent potential eye contact, irritation or injury.

Skin protection

Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

Respiratory protection

Avoid breathing the product mist or vapors. The use of a NIOSH approved positive air supplied respirator is recommended whenever the airborne concentrations exceed the specified TLV or there is a high concentration of product in the air such as created by spraying the product. Air purifying (cartridge type) respirators are not approved for protection against diisocyanates.

Section 9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	Viscous slightly milky liquid
Odor	Slight musty odor
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	> 300 C (>572 F)
Flash point	> 94 C > 200 F PMCC
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	1.13 Kg per Liter 9.43 Lbs per Gallon
Solubility	Reacts with water
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available
VOC content	No data available

Section 10. Stability and reactivity**10.1 Reactivity**

Reacts with water

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Reaction with water (moisture) produces CO₂ gas.

10.4 Conditions to avoid

Extreme high temperatures.

10.5 Incompatible materials

Water, alcohol, amines, bases and acids. Some reactions can be violent.

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, nitrogen oxides, and traces of hydrogen cyanide.

**Section 11. Toxicology information****11.1 Information on toxicological effects****Acute toxicity**

No data available

Irritation/Corrosion **Skin**
 Eyes

May cause skin irritation or sensitization.

May cause serious eye irritation and damage.

Respiration or skin sensitization

May cause respiratory irritation or sensitization.

Germ cell mutagenicity

No data available

Carcinogenicity**IARC**

Diphenylmethane 4,4'-diisocyanate

3

3 - Inadequate in humans and inadequate or limited in animals.

Reproductive toxicity

No data available.

Specific target organ toxicity**Single exposure**

No data available

Repeated exposure

No data available

Aspiration hazard

No data available

Section 12. Ecological information**12.1 Ecotoxicity**

Not established

12.2 Persistence and degradability

Not established

12.3 Bioaccumulative potential

Not established

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Avoid release to the environment

SECTION 13. Disposal Considerations**13.1 Waste treatment methods**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

SECTION 14. Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1 UN number

Not regulated

14.2 UN proper shipping name**14.3 Transport hazard class(es)****14.4 Packing group****14.5 Environmental hazards**

No additional information available

14.6 Special precautions for user**14.7 Transport in bulk according to****Annex II of MARPOL 73/78 and the IBC Code**

No additional information available

14.8 Transport in bulk according to**CFR 49 173.15**

Not applicable

SECTION 15. Regulatory information



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), Hazardous Products Regulation (HPR) (WHMIS 2015)

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.2 USA Regulations

Section 313

Contains the following ingredients at or above the reporting level requirements of Section 313. This information must be included in all SDS's copied or distributed for this material.

CHEMICAL
Diphenylmethane 4,4'-diisocyanate

CAS #
101-68-8

MAX WEIGHT %
< 40.0

TSCA

All ingredients are listed or exempted

PROPOSITION 65

None of the ingredients is listed

15.1.3 Canada Regulations

This SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR

DSL

All ingredients are listed or exempted

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue	5-7-2021
Version	2.0
Number	956
Date of previous issue	
Preparer	Nox-Crete, Inc.

Reference Documentation

The information and recommendations contained herein are, to the best of Nox-Crete, Inc.'s knowledge and belief, accurate and reliable as of the date issued. You can contact Nox-Crete, Inc. to ensure that this document is the most current available from Nox-Crete, Inc. The information and recommendations are offered for the buyer's/user's consideration and examination. It is the buyer's/user's responsibility to satisfy themselves that the product is suitable for the intended use. Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Since the information provided herein may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and buyer/user may rely thereon only at their risk. We have made no effort to censor or to conceal deleterious aspects of this product. Further, since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the health and/or safety precautions we have suggested will be adequate for all individuals and /or situations involving its handling or use. Likewise, we make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each buyer/user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. If buyer/user repackages this product, it is the buyer's/user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Nox-Crete, Inc. urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with this product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part is not permitted.

Full text of H and P phrases



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H317 - May cause an allergic skin reaction
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Skin Irrit. 2
Skin Sens. 1
Eye Irrit. 2A
Acute Tox. 4 (inhalation)
Resp. Sens. 1
STOT SE 3 Resp Irrit.
STOT RE 1

P260 - Do not breathe dust/fume/gas/mist/vapors/spray
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