



Section 1 - Product and Company Identification

Material Name * **DYC1380 SHIELD-N-SEAL Quick Dry Clear Sealer**
Product Code * DYC1380 / DY-1380C,
Product Description * Liquid.
Product Use * Clear Sealer
Synonyms * Masonry Sealant

Manufacturer * Dyco Paints, Inc.
 5850 Ulmerton Rd.
 Clearwater, FL 33760
 United States
 www.suncoatings.com
 Please use "Contact Us" form on the website

Telephone
Technical * 813-367-4444
Emergency * 800-424-9300
Emergency * 703-527-3887

Preparation Date * 4/12/2015
Last Revision Date * 4/12/2015

Section 2 - Hazards Identification

Emergency Overview

WARNING

Causes mild skin irritation. Harmful if swallowed.

Prevention Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.

Storage/Disposal Store in a closed container. Do not allow product to freeze. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



CAUTION - May cause eye and skin irritation on contact.

Physical Form

* Liquid

Color

* Clear Liquid.

Odor

* Paint-Like Odor.

Flash Point

* 77 F(25 C)

OSHA

* Irritant

WHMIS

* Class D - Poisonous and Infectious Materials - Division 2 - Subdivision B



GHS

* Skin Corrosion/Irritation - Category 3, Serious Eye Damage, Eye Irritation - Category 2A,

NFPA: **Health : 2** **Flammability: 2** **Reactivity: 0** **Personal Protection: B**

Potential Health Effects

Inhalation

Acute (Immediate)

* Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.

Chronic (Delayed)

* Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate)

* May cause irritation.

Chronic (Delayed)

* Repeated and prolonged exposure to the skin may cause dermatitis.

Eye

Acute (Immediate)

* Likely to cause eye irritation, burning, tearing, etc. on contact with the eyes. If swelling and irritation persist, seek medical attention.

Chronic (Delayed)

* Direct contact may cause slight to moderate irritation.

Ingestion

Acute (Immediate)

* May cause irritation. May affect the nervous system. May be harmful or fatal if swallowed.

Chronic (Delayed)

* Repeated and prolonged exposure may cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.

Carcinogenic Effects			
	CAS	IARC	NTP

Section 3 - Composition/Information on Ingredients

Hazardous Components					
Chemical Name	Identifiers	%(weight t)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Xylene	CAS: 1330-20-7	1.0%	ORAL (LD50): Acute: 4300 mg/kg [Rat]. 2119 mg/kg		
Naptha Solvent	CAS: 8030-30-6	42.0%	Oral, rat: LD50 = >5 mg/kg		
Mineral Spirits	CAS: 8032-32-4	20.0%	Inhalation, rat: LC50 = 3400 ppm		
Hydrocarbon Resin	CAS: 68131-77-1	1.0%	Oral, rat: LD50 = >1260 mg/kg		
Modified Alkyd	CAS: 63148-69-6	18.0			
Polyurethane	CAS: 68188-21-6	18.0			

Non-Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Section 4 - First Aid Measures

Inhalation	* IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms continue, get medical attention.
Skin	* Rinse skin immediately with plenty of water for 15-20 minutes. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Eye	* If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	* If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5 - Fire Fighting Measures

Extinguishing Media	* LARGE FIRE: Water spray, fog or regular foam. SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
Unsuitable Extinguishing Media	* No data available.

Firefighting Procedures	* Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep unauthorized personnel away.
Unusual Fire and Explosion Hazards	* Product containers may rupture when exposed to extreme heat. Precautions should be taken to prevent release of materials.
Hazardous Combustion Products	* Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes.
Protection of Firefighters	* Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Flash Point	* 77 F(> 25 C) CC (Closed Cup)

Section 6 - Accidental Release Measures

Personal Precautions	* Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Emergency Procedures	* Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up.
Environmental Precautions	* Avoid run off to waterways and sewers.
Containment/Clean-up Measures	* Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use appropriate Personal Protective Equipment (PPE)
Prohibited Materials	* Avoid contact with strong oxidizing agents and acids.

Section 7 - Handling and Storage

Handling	* KEEP OUT OF THE REACH OF CHILDREN! Keep containers tightly closed when not in use.
Storage	* Avoid extreme temperatures and freezing. Keep container/package tightly closed and in a well-ventilated place.
Special Packaging Materials	* Not Applicable.
Incompatible Materials or Ignition Sources	* Avoid contact with strong oxidizing agents and acids.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms	* 
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Respiratory	* When used with adequate ventilation, a respirator is not normally required. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator. This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.
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Eye/Face	* Wear ANSI approved safety glasses with side shields or safety goggles.
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Hands	* Wear chemical resistant gloves with repeated or prolonged exposure.
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**Engineering
Measures/Controls**

* Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

Exposure Limits/Guidelines					
	Result	Canada Ontario	Mexico	NIOSH	OSHA
Xylene (1330-20-7)	TWAs	250 mg/m ³	665 mg/m ³	100 ppm	100 ppm
Mineral Spirits (8032-32-4)	TWAs	300 mg/m ³	1350 mg/m ³	400 ppm	300 ppm
Naptha Solvent (8030-30-6)	TWAs	300 ppm	1000 ppm	100 ppm	100 ppm
HydrocarbonResin (68131-77-1)	TWAs	15 mg/m ³			10 mg/m ³

Section 9 - Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Clear liquid with paint consistency.
Color	Clear Liquid.	Odor	Paint-Like Odor.
Taste	No data available.	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	No data available		
General Properties			
Boiling Point	245 F	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	Not relevant
pH	Not Applicable	Specific Gravity/Relative Density	0.88 Water=1
Density	7.36 lbs/gal @ 25 C(77 F)	Bulk Density	No data available
Water Solubility	Soluble 0 % @ 25 C(77 F)	Solvent Solubility	Not relevant
Viscosity	75-85 KU. @ 25 C(77 F)		
Volatility			
Vapor Pressure	8.3 mmHg (torr) @ 20 C(68 F)	Vapor Density	> 1 Air=1
Evaporation Rate	< 1 Ether = 1	VOC (Wt.)	No data available
VOC (Vol.)	418 g/L	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			
Flash Point	77 F(25 C)	Flash Point Test Type	CC (Closed Cup)
UEL	No data available	LEL	No data available
Autoignition	No data available	Self-Accelerating Decomposition Temperature (SADT)	Not relevant
Heat of Combustion (ΔHc)	Not relevant	Burning Time	Not relevant
Flame Duration	Not relevant	Flame Height	Not relevant
Flame Extension	Not relevant	Ignition Distance	Not relevant
Environmental			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of Water	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant

Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

Section 10 - Stability and Reactivity

Stability	* Stable under normal temperatures and pressures.
Hazardous Polymerization	* Hazardous polymerization not indicated.
Conditions to Avoid	* Excessive heat and freezing.
Incompatible Materials	* Strong oxidizers and acids.
Hazardous Decomposition Products	* No known issues under normal usage conditions.

Section 11 - Toxicological Information

Component Name	CAS	Data
Xylene	1330-20-7	Acute Toxicity: ORAL (LD50): Acute: 4300 mg/kg [Rat]. 2119 mg/kg
Naptha Solvent	8030-30-6	Acute Toxicity: Oral, rat: LD50 = 500 mg/kg
Mineral Spirits	8032-32-4	Acute Toxicity: Inhalation, rat: LC50 = 3400 ppm
Hydrocarbon Resin	68131-77-1	Acute Toxicity: Oral, rat: LD50 = >1260 mg/kg

Other Component Information	* IARC has concluded that the following chemicals in this product are carcinogenic to humans(Group 1): ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz. NTP has listed the following chemicals in this product as known human carcinogens:. Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.
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Section 12 - Ecological Information

Ecological Fate	* No data available.
Persistence/Degradability	* No data available.
Bioaccumulation Potential	* No data available.
Mobility in Soil	* No data available.
Other Information	* Do not allow product exposure to the ground or into any waterway. Do not allow entry into municipal sewer systems.

Section 13 - Disposal Considerations

Product	* Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
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Section 14 - Transportation Information

DOT - United States - Department of Transportation - Shipping Name: UN1263 PG III.

TDG - Canada - Transportation of Dangerous Goods - Shipping Name: UN1263 Class 3 Packing Group 3

Section 15 - Regulatory Information

SARA Hazard Classifications * Acute, Chronic

State Right To Know					
Component	CAS	MA	MN	NJ	PA
Xylene	1330-20-7	Yes	Yes	Yes	Yes
Hydrocarbon Resin	68131-77-1	No	No	No	No
Naptha Solvent	8030-30-6	Yes	Yes	Yes	Yes
Mineral Spirits	8032-32-4	Yes	Yes	Yes	Yes
Modified Alkyd	63148-69-6	No	No	No	Yes
Polyurethane	68188-21-6	No	No	No	No

Inventory			
Component	CAS	EU EINECS	TSCA
Xylene	1330-20-7	Yes	Yes
Hydrocarbon Resin	68131-77-1	No	No
Naptha Solvent	8030-30-6	Yes	Yes
Mineral Spirits	8032-32-4	Yes	Yes
Modified Alkyd	63148-69-6	No	No
Polyurethane	68188-21-6	Yes	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Naptha Solvent	8030-30-6		B2
Xylene	1330-20-7	3	B2
yMineral Spirits	8032-32-4	8*	B2

United States

Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Naptha Solvent	8030-30-6		B2
Xylene	1330-20-7	3	B2
yMineral Spirits	8032-32-4	8*	B2

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

•Xylene	1330-20-7	Listed
Naptha Solvent	8030-30-6	Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

Xylene	1330-20-7	Listed
Naptha Solvent	8030-30-6	Listed

Other Information

* WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Preparation Date

* 4/12/2015

Last Revision Date

* 4/12/2015

Disclaimer/Statement of Liability

* This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to verify the suitability and completeness of such information for particular use. Dyco Paints Inc. does not accept liability for any loss or damage that may occur from the use of this information.