SAFETY DATA SHEET
UniBond 110
Adhesion Promoter for Coatings

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier
Product Name: UniBond
Product Codes(s): UNB
Synonyms: Solvent borne primer/adhesion promoter
REACH Registration: No data available

1.2 Relevant identified uses of the substance or mixture and uses advised against
General Use: Adhesion promoter or coupling agent for coatings
Uses advised against: None known

1.3 Details of the supplier and of the safety data sheet
Manufacturer/Distributor
Liquiguard Technologies, Inc.
5807 N. Andrews Way
Fort Lauderdale, FL 33309 USA
+1-954-556-0996

1.4 Emergency telephone number: +1-954-556-0996 (during business hours)

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture
Product definition: Mixture
Classification (Regulation (EC) No 1272/2008)
Flammable liquid, Category 2 [H225]
Aspiration Toxicity, Category 1 [H304]
Eye Irritant, Category 2B [H320]
Skin Irritant, Category 2 [H315]
Reproductive Toxicity, Category 2 [H361d]
Acute Toxicity, Category 5 [H303]
Acute Toxicity, Category 5 [H333]
Specific target organ toxicity, single exposure, Category 3 (STOT SE 3) [H335]
Specific target organ toxicity, single exposure, Category 3 (STOT SE 3) [H336]
Specific target organ toxicity, repeated exposure, Category 2 (STOT SE 3) [H373]

2.2 Label Elements
Labeling (Regulation (EC) No 1272/2008)

Hazard Symbols

Signal Word: Danger

Hazard Statement(s):
H225 - Highly flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H320 - Causes eye irritation
H315 - Causes skin irritation
H361d - Suspected of causing damage to fertility or the unborn child.
H303 - May be harmful if swallowed
H333 - May be harmful if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H373 - May cause damage to liver and kidneys
EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements:
[Prevention]
P210 - Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, lighting, and mixing equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe fumes, mists, vapors and spray.
P280 - Wear protective gloves, protective clothing, eye protection, and face protection.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.

[Response]	P370 + P378 - In case of fire: Use water fog, foam, dry chemical or carbon dioxide for extinction.
	P303 + P361 + P353 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water or shower.
	P332 + P313 - If skin irritation occurs: Get medical attention.
	P321 - Specific treatment: Refer to Section 4 of this SDS for first aid. Seek immediate medical attention.
	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.
	P337 + P313 - If eye irritation persists: Get medical attention.
	P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
	P331 - Do NOT induce vomiting.
	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.
	P308 + P314 + P313 - IF exposed or concerned or if you feel unwell: Get medical attention.
[Storage]	P403 + P233 + P235 - Store in well-ventilated place. Keep container tightly closed. Keep cool.
	P405 - Store locked up.
[Disposal]	P501 - Dispose of contents in accordance with national/local regulations.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical characterization (preparation)

% by Weight	Ingredient	CAS Number	EC Number	Index Number	EC Classification
<55	**Ethanol**	**64-17-5**	**200-578-6**	**603-000-00-5**	**F, R11**
<40	**Toluene**	**108-88-3**	**203-625-9**	**601-021-00-3**	**F, R11; Xi, R38; Xn, R48/20, R65; Repr. Cat. 3, R63; R67**
<3	**n-Butanol**	**71-36-3**	**200-751-6**	**603-004-00-6**	**R10; Xn, R22; Xi, R36/37, R41; R67**
<3	**2-Butoxyethanol**	**111-76-2**	**203-905-0**	**603-014-00-0**	**Xn, R22**
<6	**n-Propyl Acetate**	**109-60-4**	**203-686-1**	**607-024-00-6**	**F, R11; Xi, R36, R66, R67**
<3	**Isopropanol**	**67-63-0**	**200-661-7**	**603-117-00-0**	**F, R11; Xi, R36, R67**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to the health or the environment and hence require reporting in this section.

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If product mist or spray causes respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist or become worse, seek medical attention immediately.

Eyes: Immediately flush eyes with large amounts of water for 15 minutes. Remove contact lenses, if present and easy to do, after the first 5 minutes and continue rinsing, occasionally lifting upper and lower lids. Obtain immediate medical attention, preferably from an ophthalmologist.

Skin: Flush skin with large amounts of water while removing contaminated clothing. Wash affected area with soap and water. Wash contaminated clothing and shoes thoroughly before reuse. Seek prompt medical attention if irritation occurs or persists.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung damage. Never give anything by mouth to an unconscious person. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Potential health symptoms and effects

Eyes: Causes eye irritation. Vapors or mists can cause eye irritation. Symptoms include redness, swelling, itching, burning and tearing. May cause corneal injury.

Skin: May cause skin irritation. Repeated or prolonged exposure may cause drying and cracking of skin. Not expected to cause an allergic response.

Inhalation: May cause irritation of the respiratory system, central nervous system depression, drowsiness, headache and narcosis. May be harmful if inhaled.

Ingestion: May cause irritation of the digestive tract. Ingestion of large amounts may cause depression of the central nervous system. May cause headache, nausea, fatigue, drowsiness and dizziness. Aspiration of this material may cause chemical pneumonitis, which may be fatal.

Chronic: Prolonged or repeated contact with skin may defat tissue causing dermatitis or aggravate existing skin problems. Preexisting skin, eye and respiratory disorders may be aggravated by exposure to this product. Impaired central nervous system functions from pre-existing disorders may be aggravated by exposure to this product. Repeated inhalation of vapors may result in liver and kidney damage. 2-Butoxyethanol is a known animal carcinogen. Exposure to toluene may harm the unborn child.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Extinguishable media

Suitable methods of extinction: Use media such as water fog, water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable methods of extinction: Water may be ineffective. Using water jets or streams may spread the fire.

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapor. Vapors may form an explosive mixture with air. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. Vapors are easily ignited by heat, sparks or flame. Containers may explode if exposed to fire. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Symptoms of overexposure to these gases may not be apparent. Seek medical advice.

5.3 Advice for firefighters

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If possible, firefighters should control run-off water to prevent environmental contamination.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing designated in Section 8. Remove all sources of ignition. Ventilate the area.

6.2 Environmental precautions

Avoid dispersal of spilled material or run-off and prevent contact with soil and entry into drains, sewers or waterways.

6.3 Methods and materials for containment and cleaning up

Cover drains and contain spill. Cover with a large quantity of inert absorbent. Collect product using non-sparking tools and place into approved container for proper disposal. Observe possible material restrictions (Sections 7.2 and 10.5). Clean contaminated area with soap and water.

6.4 Reference to other sections

For indications about waste treatment, see Section 13.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition. No smoking. Observe label precautions. Wear all appropriate protective equipment specified in Section 8. Keep containers closed when not in use.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

Vapors are heavier than air and can travel along the ground to a source of ignition and flash back.

7.2 Conditions for safe storage, including any incompatibilities

Keep in cool, dry, ventilated storage areas in closed containers. Transfer only to approved containers having correct labeling. Containers that have been opened should be carefully resealed and kept upright to prevent leakage. Do not take internally. Keep out of reach of children.

7.3 Specific end uses

Apart from the uses mentioned in Section 1.2, no other specific uses are stipulated.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

CAS Number	Ingredient	OSHA PEL - TWA	ACGIH TLV	NIOSH
64-17-5	**Ethanol**	1,000 ppm; 1,900 mg/m3	1,000 ppm TWA	1,000 ppm; 1,900 mg/m3 TWA; 3,300 ppm IDLH
108-88-3	**Toluene**	200 ppm; 300 mg/m3	50 ppm; 188 mg/m3 TWA;	100 ppm; 375 mg/m3 TWA; 150 ppm; 560 mg/m3 STEL
67-63-0	**n-Butanol**	100 ppm; 300 mg/m3 TWA;	20 ppm TWA;	1,400 ppm IDLH
64-17-5	**2-Butoxyethanol**	50 ppm; 240 mg/m3	50 ppm TWA 100 mg/m3 ceiling (aerosol only)	700 ppm
109-60-4	**n-Propyl Acetate**	200 ppm; 840 mg/m3	200 ppm; 835 mg/m3 TWA; 250 ppm; 1,040 mg/m3 STEL	200 ppm; 840 mg/m3 TWA; 250 ppm; 1,050 mg/m3 STEL
67-63-0	**Isopropanol**	400 ppm; 980 mg/m3 500 ppm; 1,225 mg/m3 STEL	200 ppm; 490 mg/m3 TWA 400 ppm; 960 mg/m3 STEL	400 ppm; 980 mg/m3 TWA; 500 ppm; 1,225 mg/m3 STEL;

8.2 Exposure controls

Engineering measures: Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable. Refer to Section 7.1.

Individual protection measures: Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.

Hygiene measures: Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory.

Eye/face protection: Wear protective goggles or safety glasses with unperforated side shields during use. Refer to 29 CFR 1910.133, ANSI Z87.1 or European Standard EN 166.

Hand protection: Wear gloves recommended by glove supplier for protection against materials in section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of selected gloves must be greater than the intended use period.

Other protective equipment: Protective clothing. Protective boots, if the situation requires.

Respiratory protection: Always use an approved respirator when vapor/aerosols are generated. Where risk assessment shows air-purifying respirators are appropriate use a full-faced respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental exposure controls: Do not empty into drains.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear, colorless liquid
Odor	Solvent
Odor Threshold	No data available
Molecular Weight	Not applicable (mixture)
Chemical Formula	Not applicable (mixture)
pH	Not determined
Freezing/Melting Point, Range	Not determined
Initial Boiling Point	65 °C (149 °F)
Evaporation Rate	>1 (n-BuAc =1)
Flammability (solid, gas)	Not applicable
Flash Point	~12.8 °C (~55 °F) estimated
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined
Lower Explosive Limit (LEL)	Not determined
Upper Explosive Limit (UEL)	Not determined
Vapor Pressure	Not determined
Vapor Density	>1 (Air = 1)
Specific Gravity	0.8466
Viscosity	Not determined
Solubility in Water	Partial
Partition Coefficient: n-octanol/water	log Kow = <1
Volatiles by Volume @ 70 ºF	>90%

9.2 Other data

No data available

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

No special reactivity has been reported.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Vapors may form explosive mixture with air. Reacts with strong oxidizing agents. Avoid excessive heat and sources of ignition.
The substance decomposes on burning and may produce irritating fumes.

10.4 Conditions to avoid

Ignition sources, extreme temperatures, direct sunlight, and moisture. Avoid impact. Avoid confined areas.

10.5 Incompatible materials

Strong oxidizing agents, strong acids and bases, halogenated compounds

10.6 Hazardous decomposition products

Thermal decomposition products include oxides of carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No toxicity tests have been carried out for this product. Acute toxicity data was estimated based on the toxicity of the individual components in contained in this product.

Acute Oral Toxicity
Product is expected to have low to moderate acute oral toxicity.

Acute inhalation toxicity
Product is expected to have low acute inhalation toxicity.

Acute dermal toxicity
Product is expected to have low acute inhalation toxicity.

Skin irritation
Causes skin irritation

Eye irritation
Causes eye irritation.

Sensitization
No data available

Genotoxicity in vitro
In vitro genetic toxicity studies were positive for n-propyl acetate (CAS #109-60-4).

Mutagenicity
No data available

Specific organ toxicity - single exposure
May cause drowsiness or dizziness. May cause respiratory irritation.

Specific organ toxicity - repeated exposure
Prolonged and repeated exposure to skin may cause defatting of skin and dermatitis.

Aspiration hazard
Asp. Haz. 1: Can enter the lungs and cause damage. Aspiration of this material into the lungs may cause chemical pneumonitis (may be fatal).

11.2 Further information

Material is slowly eliminated from the body; therefore, it can have cumulative toxicity effects with repeated exposures. Toluene and n-Propyl Acetate are potential hazards to the fetus. May cause liver disorder (e.g. edema, proteinuria) and damage. Significant exposure to this product may adversely affect people with chronic disease of the respiratory system, central nervous system, kidneys, liver, skin and/or eyes.

Toluene (CAS #108-88-3) is listed as an IARC, Group 3 carcinogen - Not classifiable as to its carcinogenicity to humans. Not listed as a carcinogen by ACGIH, NTP or OSHA. The remaining components in this product are not listed as carcinogens by ACGIH, IARC, NTP or OSHA.

Isopropanol (CAS #67-63-0) is listed as an IARC, Group 3 carcinogen - Not classifiable as to its carcinogenicity to humans. Not listed as a carcinogen by ACGIH, NTP or OSHA. The remaining components in this product are not listed as carcinogens by ACGIH, IARC, NTP or OSHA.

No data is available regarding the mutagenicity and/or teratogenicity of this product, nor is there any available data that indicates it causes adverse developmental and/or fertility effects.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity

Product has not been tested; however, based on the components, this product is expected to have moderate acute toxicity to aquatic organisms.

Toluene has moderate acute toxicity to aquatic organisms: several toxicity values are in the range of greater than 1 mg/l and 100 mg/l.

12.2 Persistence and degradability

Material is expected to be biodegradable.

12.3 Bioaccumulation potential

Not expected to bioaccumulate. Estimated Partition Coefficient: n-octanol in water - <1

12.4 Mobility

No information available.

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Additional ecological information

Do not allow material to run into surface waters, waste water or soil.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Toluene (CAS # 108-88-3) RCRA Waste Number - U220; n-Butanol (CAS #71-36-3) RCRA Waste Number - U031.

SECTION 14 - TRANSPORT INFORMATION

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

DOT

Proper Shipping Name:	Flammable liquid, N.O.S. (ethanol, toluene, n-butanol)
Hazard Class:	3
UN/NA:	UN1993
Packing Group:	II
NAERG:	Guide #128
Packaging Authorization:	Non-Bulk: 49 CFR 173.202; Bulk: 173.242
Packaging Exceptions:	49 CFR 173.4b, 173.150
UN TGD Class/Pack Group:	Flammable liquid, N.O.S. (ethanol, toluene, n-butanol) UN1993, 3, II

IMO/IMDG

Proper Shipping Name:	Flammable liquid, N.O.S. (ethanol, toluene, n-butanol)
Hazard Class:	3
UN/NA:	UN1993
Packing Group:	II
Marine Pollutant:	No
EMS Number:	F-E, S-E

ICAO/IATA

Proper Shipping Name:	Flammable liquid, N.O.S. (ethanol, toluene, n-butanol)
Hazard Class:	3
UN/NA:	UN1993
Packing Group:	II
Quantity Limitations:	49 CFR 175.27 and 175.75 - Cargo Aircraft Only: 60 L; Passenger Aircraft/rail: 5 L

RID/ADR

Proper Shipping Name:	Flammable liquid, N.O.S. (ethanol, toluene, n-butanol)
Hazard Class:	3
UN/NA:	UN1993
Packing Group:	II

Marine Pollutant: This product is not a marine pollutant.

SECTION 15 - REGULATORY INFORMATION

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

U. S. Federal Regulations

OSHA Hazard Communication Standard: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

TSCA Status: All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory.

Superfund Amendments and Reauthorization Act (SARA)

SARA Section 311/312 Hazard Categories: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 Information: Toluene, n-Butanol, 2-Butoxyethanol and Isopropanol are subject to the reporting levels established by Section 313 of the Emergency Planning and Community Right-to Know Act of 1986.

SARA 302/304 Extremely Hazardous Substance:
No components of the product exceed the threshold (de minimis) reporting levels established by of these sections of Title III of SARA.

SARA 302/304 Emergency Planning & Notification:
No components of the product exceed the threshold (de minimis) reporting levels established by of these sections of Title III of SARA.

Comprehensive Response Compensation and Liability Act (CERCLA): This product contains the following CERCLA reportable substances:
Toluene (CAS #108-88-3), RQ - 454 kg (1,000 lbs)
n-Butanol (CAS #71-36-3), RQ - 2,270 kg (5,000 lbs)

Clean Air Act (CAA)
Toluene is listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112 (b).
This product does not contain any Class 1 Ozone depletors.
This product does not contain any Class 2 Ozone depletors.

Clean Water Act (CWA)
Toluene is listed as Hazardous Substances under the CWA.
Toluene is listed as Priority Pollutants under the CWA.
Toluene is listed as Toxic Pollutants under the CWA.

U.S. State Regulations

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986
This product contains Toluene (CAS # 108-88-3), a chemical known to the State of California to cause developmental reproductive toxicity.

Other U.S. State Inventories:
Ethanol (CAS #64-17-5) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, ID, MA, MN, NJ, PA, WA

Toluene (CAS #108-88-3) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, DE, ID, IL, ME, MA, MI, MN, NC, NJ, NY, PA, WA, WI.

n-Butanol (CAS #71-36-3) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, DE, ID, ME, MA, MN, NJ, NY, PA, WA, WI.

2-Butoxyethanol (CAS #111-76-2) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/ Air Pollutants lists: CA, ID, MA, MN, NJ, PA, WA, WI.

Isopropanol (CAS #67-56-1) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/ Air Pollutants lists: CA, ID, ME, MA, MN, NJ, PA, WA.

n-Propyl acetate (CAS #109-60-4) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and or Air Quality/Air Pollutants lists: CA, ID, MA, MN, NJ, PA, WA.

Canada

WHMIS Hazard Symbol and Classification:

B2 - Flammable liquid with flash points less than 38 °C (100 °F)

D2A - Teratogenicity and embryo toxicity - toxic - other
D2B - Eye and skin irritation - toxic - other

Canadian Controlled Products Regulations (CPR): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations, and the MSDS contains all the information required by the Controlled Products Regulations.

Canadian Ingredient Disclosure List (IDL): Ethanol, Toluene, n-Butanol, 2-Butoxyethanol, Isopropanol and n-Propyl Acetate are listed.

Canadian National Pollutant Release Inventory (NPRI): Toluene, n-Butanol, 2-Butoxyethanol and Isopropanol are listed on the NPRI.

European Economic Community

Labeling (67/548/EEC to 1999/45/EC)

Xn - Harmful
XI - Irritant

Risk Phrases:
R10 - Flammable.
R33 - Danger of cumulative effects.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R63 - Possible risk to unborn child.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapors may cause drowsiness or dizziness.

Safety Phrases: S2 - Keep out of the reach of children.
S16 - Keep away from sources of ignition.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33 - Take precautionary measures against static electricity.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
S46 - If swallowed, seek medical advice immediately and show this container, label or SDS.
S62 - If swallowed, do not induce vomiting; seek medical advice immediately and show this container, label or SDS.

WGK, Germany (Water danger/protection): 2

Chemical inventory Lists

Country	Inventory Name	Inventory Listing*
Canada:	Domestic Substance List (DSL).	Yes
Canada:	Non-Domestic Substance List (NDSL).	No
Europe:	Inventory of New and Existing Chemicals (EINECS)	Yes
United States:	Toxic Substance Control Act (TSCA)	Yes
Australia:	Australian Inventory of Chemical Substances (AICS)	Yes
New Zealand:	New Zealand Inventory of Chemicals (NZIoC)	Yes
China:	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan:	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea:	Existing Chemicals List (ECL)	Yes
Philippines:	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes

*"Yes" indicates that all components of this product are in compliance with the inventory requirements administered by the governing country.
*"No" indicates that one or more components of this product are not on the inventory and are not exempt from listing.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16 - OTHER INFORMATION

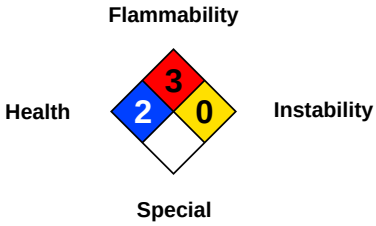
Hazardous Material Information System (HMIS)

Health	* 2
Flammability	3
Physical Hazard	0
Personal Protection	C

HMIS and NFPA Hazard Rating Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME

National Fire Protection Association (NFPA)



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Revision 1: 5 July 2013
Preparation Date: 27 April 2013