

SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Product Identification

Product Name: QUARTZ SURFACE ENHANCER
CAS Number: Blend

Company Identification

STONE ESSENTIALS®
592 Arnold Road
P.O. Box 1287
Coventry, RI 02816 USA
1-866-786-6350 (For product information)

24 Hour Emergency Contact:

CHEMTREC 1-800-424-9300 (within USA)
CHEMTREC 1-703-527-3887 (outside USA)

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Flammable liquid: Category 3
Aspiration hazard: Category 1
Skin irritation: Category 2

GHS LABEL ELEMENTS

Hazard Pictograms:

**SIGNAL WORD: Danger**

GHS HAZARD STATEMENT:

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness

GHS PRECAUTIONARY PHRASES:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground/bond container and receiving equipment.
P243 Take precautionary measures against static discharge.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P242 Use only non-sparking tools.
GHS RESPONSE PHRASES:
P301+310: If SWALLOWED: Immediately call a poison center.
P331: Do NOT induce vomiting.
P301+353: If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
GHS STORAGE AND DISPOSAL:
P405: Store locked up.
P102: Keep out of reach of children.
P501: Dispose of contents/container according to local, state and federal regulations.
P403+235: Store in cool/well ventilated place.

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CARCINOGENICITY INFORMATION:

N.A.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

May aggravate pre-existing eye, skin or respiratory tract conditions upon contact.

HMIS Rating:



NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the national Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE:

Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision. High vapor concentrations (greater than 100 ppm) may be irritating to the eyes.

SKIN:

May cause skin irritation with discomfort or rash, redness, swelling, and itching. Prolonged or repeated contact can result in de-fatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:

Vapors may be irritating to eyes, nose, throat and respiratory tract. High vapor concentrations may cause headaches, dizziness and may cause CNS depression.

INGESTION:

May cause vomiting. Aspiration of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

SIGNS AND SYMPTOMS OF EXPOSURE:

Early to moderate CNS depression. Headache, dizziness or nausea. Irritation as noted.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name -----	Amount -----	CAS Number -----
Naphtha (petroleum), heavy alkylate	> 50 %	64741-65-7
XYLENE	< 1.5 %	1330-20-7

COMPOSITION COMMENT:

NOTE: Technical grade Xylene may contain 0-22% Ethyl Benzene CAS# 100-41-4 ; PEL/TLV 100 ppm: STEL 125 ppm. Ethyl Benzene CAS# 100-41-4 is subject to the reporting requirements of SARA Title III, Section 313.

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA 311 Categories:

Immediate (Acute) Health Effects.....: Yes
Delayed (Chronic) Health Effects.....: Yes
Fire Hazard.....: Yes
Sudden Release Of Pressure Hazard...: No
Reactivity Hazard.....: No

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

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

SKIN CONTACT FIRST AID:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

INGESTION FIRST AID:

Do NOT induce vomiting. Keep respiratory tract clear. Get immediate medical attention, take victim immediately to the hospital. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point: > 100 F
Auto ignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: 0.6 % (V)
UEL: 7.0 % (V)

FLAMMABLE PROPERTIES:

Use self-contained breathing apparatus and protective equipment.

EXTINGUISHING MEDIA:

Water, carbon dioxide, alcohol resistant foam or dry powder.

FIRE & EXPLOSION HAZARDS:

Combustible Liquid. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Keep work areas free of hot metal surfaces and other sources of ignition. Avoid spreading burning liquid with water used for cooling.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire exposed containers with water.

COMBUSTION PRODUCTS:

Thermal decomposition may produce toxic fluorinated products. Burning may produce oxides of carbon and unidentified organics formed during combustion.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. No smoking.

INITIAL CONTAINMENT:

Contain spilled material. Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

LARGE SPILLS PROCEDURE:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Keep away from, heat, sparks and flames. Use with adequate ventilation. Use only low pressure sprayers (less than 25 PSI). Do NOT aerosolize. Avoid prolonged contact with skin or eyes. Avoid breathing (dust, vapor, mist, gas). No smoking. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

HANDLING (PHYSICAL ASPECTS):

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. No smoking. Keep container closed to avoid contamination. Store in a cool dry area.

STORAGE PRECAUTIONS:

Keep away from heat, sparks, and flame. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. No smoking.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles and face shield are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:

Nitrile, neoprene or natural rubber gloves. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

RESPIRATORY PROTECTION REQUIREMENTS:

If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

MISCELLANEOUS:

Observe the usual precautions for handling any chemical substance.

EXPOSURE GUIDELINES:

Naphtha (petroleum), heavy alkylate

CAS Number: 64741-65-7

OSHA TWA: 500 ppm (2,000 mg/m3) OSHA Z-1

OSHA TWA: 400 ppm (1,600 mg/m3) OSHA P0

Skin Designation: Yes

XYLENE

OSHA TWA: 100 ppm

ACGIH TWA: 100 ppm

Skin Designation: Yes

NOTE: Technical grade Xylene may contain 0-22% Ethyl Benzene CAS# 100-41-4 ; PEL/TLV 100 ppm: STEL 125 ppm. Ethyl Benzene CAS# 100-41-4 is subject to the reporting requirements of SARA Title III, Section 313.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Clear/light amber
ODOR: Solvent Odor
SOLUBILITY IN WATER: N/A
SPECIFIC GRAVITY: 0.770 average (Water = 1)
VOC: > 620 g/L

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

Burning may produce oxides of carbon, carbon dioxide, and fluorinated by-products.

CONDITIONS TO AVOID:

All sources of ignition - heat, sparks, flame, electricity, impact and friction. No smoking. Vapors may form explosive mixture with air.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Do not re-use empty containers. Do not burn, use a cutting torch on empty drums.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL..: QUARTZ SURFACE ENHANCER

D.O.T.(Department of Transportation):
UN1268,PETROLEUM DISTILLATES, N.O.S., (NAPHTHA (PETROLEUM), HEAVY
ALKYLATE), 3, III

THIS PRODUCT IS NOT REGULATED BY D.O.T. IN 119 GALLONS OR LESS

IATA (International Air Transport Association):
UN1268,PETROLEUM DISTILLATES, N.O.S., (NAPHTHA (PETROLEUM), HEAVY
ALKYLATE), 3, III

15. REGULATORY INFORMATION

HAZARDS DISCLOSURE

OSHA HAZARDS: Combustible Liquid, moderate skin irritant

This product contains hazardous materials as defined by the OSHA Hazard
Communication Standard 29 CFR 1910.1200.

SARA Title III, Section 313: Xylene <1.5%

NOTE: Technical grade Xylene may contain 0-22% Ethyl Benzene CAS# 100-
41-4 ; PEL/TLV 100 ppm: STEL 125 ppm. Ethyl Benzene CAS# 100-41-4 is
subject to the reporting requirements of SARA Title III, Section 313.

CERCLA Hazardous Substances

XYLENE (1330-20-7) -- RQ 1000 lb

RCRA Hazardous Substances

XYLENE (1330-20-7) -- RCRA Code: U239

Title V

XYLENE (1330-20-7)

SC Toxic Air Pollutants List

XYLENE (1330-20-7)

Canadian Disclosure List

XYLENE (1330-20-7)

SARA 311 Categories:

Immediate (Acute) Health Effects.....: Yes
Delayed (Chronic) Health Effects.....: Yes
Fire Hazard.....: Yes
Sudden Release Of Pressure Hazard...: No
Reactivity Hazard.....: No

MISCELLANEOUS INFORMATION: This material or all of its components are
listed on the Inventory of Existing Chemical Substances under the Toxic
Substance Control Act (TSCA).

16. OTHER INFORMATION

Prepared By.....: CJL
Approved By.....: SJL
Title.....: Health & Safety Officer
Approval Date.....: June 1, 2015
Supersedes Date....:

ADDITIONAL INFORMATION:

The data in this Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of STONE ESSENTIALS®. The data on this sheet are related to the specific material designated herein. STONE ESSENTIALS® assumes no legal responsibility for use or reliance upon these data.

END OF SDS