

**SS4120 01P
Primer solution****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer Name: Momentive performance material
260 Hudson River Rd
Waterford NY 12188

Revised: 01/27/2012
Prepared by PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Silicone Primer

HMIS

FLAMMABILITY: 3 Reactivity: 0 Health: 2
TY:

NFPA

Flammability: 3 Reactivity: 0 Health: 2

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

WARNING! Flammable liquid and vapor. Harmful or fatal if swallowed or inhaled. Irritating to eyes, respiratory system and skin.

Form: Liquid **Color:** Colorless

POTENTIAL HEALTH EFFECTS**INGESTION**

Harmful if swallowed. May be fatal or cause blindness if swallowed. Cannot be made nonpoisonous. Irritation of the mouth, throat, and stomach. Results in systematic effects from absorption.

SKIN

Causes skin irritation. May be absorbed through the skin and contribute to the symptoms listed under "Ingestion".

INHALATION

High concentrations of vapors may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Harmful if inhaled. Can cause unconsciousness if inhaled.

EYES.

May harm vision.

MEDICAL CONDITIONS AGGRAVATED

Pre-existing liver or kidney disorders.

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Dermatitis; Central nervous system damage.; Optic nerve damage.; Liver and/or kidney damage.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Dermal

3. COMPOSITION/INFORMATION ON INGREDIENTS**PRODUCT COMPOSITION****CAS-No.****WGT. %****A. HAZARDOUS**

| | | |
|---------------------------|------------|-----------|
| Silicic acid, ethyl ester | 11099-06-2 | 5 - 10 % |
| Methanol | 67-56-1 | 30 - 60 % |
| Ethanol | 64-17-5 | 30 - 60 % |

B. NON-HAZARDOUS**4. FIRST AID MEASURES****INGESTION**

If swallowed induce vomiting immediately by giving two glasses of water and sticking fingers down throat; never give anything to an unconscious person. Get medical attention.

SKIN

Wash area with soap and water.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

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EYES.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

NOTE TO PHYSICIAN

None known.

5. FIRE-FIGHTING MEASURES

FLASH POINT: 11 °C; 52 °F
METHOD Calculated
IGNITION TEMPERATURE: 185.00 °C; 365 °F
FLAMMABLE LIMITS LEL: 3.30 %(V).
FLAMMABLE LIMITS UEL: 19.00 %(V).

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is expected; material has a flash point below 200 F.

EXTINGUISHING MEDIA

Foam., Carbon dioxide, Water mist

SPECIAL FIRE FIGHTING PROCEDURES

Flammable, Wear respiratory protection.

6. ACCIDENTAL RELEASE MEASURES**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section. Warn other workers of spill. Provide adequate ventilation.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Use only in well-ventilated areas. Avoid contact with skin and eyes. Keep container tightly closed. Remove sources of ignition.

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Use only in well-ventilated areas.

RESPIRATORY PROTECTION

Use only in well-ventilated areas. Use approved NIOSH respiratory protection if TLV exceeded or overexposure is likely.

PROTECTIVE GLOVES

Rubber or plastics gloves

EYE AND FACE PROTECTION

Safety glasses with side shields; Monogoggles

OTHER PROTECTIVE EQUIPMENT

Wear rubber apron.

Exposure Guidelines

| Component | CAS-No. | Source | Value |
|------------------|----------------|-----------------|-----------------------------------|
| Methanol | 67-56-1 | ACGIH, TWA | 200 ppm |
| Methanol | 67-56-1 | ACGIH, STEL | 250 ppm |
| Methanol | 67-56-1 | ACGIH, SKIN_DES | Can be absorbed through the skin. |
| Methanol | 67-56-1 | OSHA Z1, PEL | 200 ppm; 260 mg/m3 |
| Ethanol | 64-17-5 | ACGIH, TWA | 1,000 ppm |
| Ethanol | 64-17-5 | OSHA Z1, PEL | 1,000 ppm; 1,900 mg/m3 |

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|------------------------------------|
| BOILING POINT (°C): | Not applicable |
| VAPOR PRESSURE: | Not applicable |
| FREEZING POINT: | -81.00 °C; -114 °F; Not applicable |
| PHYSICAL STATE: | Liquid |
| Color: | Colorless |
| SPECIFIC GRAVITY: | 0.82 |
| DENSITY: | ca. 0.82 g/cm3 |

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| | |
|---|---------------------|
| ACID / ALKALINITY (MEQ/G): | No data available. |
| pH: | No data available. |
| SOLUBILITY IN WATER (20 C): | Soluble |
| SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): | SOLUBLE IN ALCOHOLS |
| VOLATILE ORGANIC CONTENT: | 100.00 %(m) |
| VOC EXCL. H2O & EXEMPTS (G/L): | 794 g/l |

10. STABILITY AND REACTIVITY**STABILITY**

Stable

HAZARDOUS POLYMERIZATION.

Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide;

INCOMPATIBLE MATERIALS

Oxidizing agents.

CONDITIONS TO AVOID

Keep away from sources of ignition - No smoking. Keep away from sources of ignition - No smoking.

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Remarks: Not applicable

ACUTE DERMAL

Remarks: Not applicable

ACUTE INHALATION

Remarks: Not applicable

OTHER

None.

MUTAGENICITY

No data available.

OTHER EFFECTS OF OVEREXPOSURE

None known.

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12. ECOLOGICAL INFORMATION**ECOTOXICITY**

No data available.

CHEMICAL FATE

No data available.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: FLAMMABLE LIQUID, N.O.S.(METHANOL, ETHANOL)
DOT HAZARD CLASS: 3
DOT LABEL (S): 3
UN/NA NUMBER: UN1993
PACKING GROUP: II

IMDG SHIPPING NAME: FLAMMABLE LIQUID, N.O.S.(METHANOL, ETHANOL)
CLASS: 3
IMDG-Labels: 3
UN NUMBER: UN1993
PACKING GROUP: II
EmS No.: F-E; S-E

IATA: FLAMMABLE LIQUID, N.O.S.(METHANOL, ETHANOL)
CLASS: 3
ICAO-Labels: 3
UN NUMBER: UN1993
PACKING GROUP: II

15. REGULATORY INFORMATION**Inventories**

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| | | |
|--|----------------------|-------------------|
| Australia Inventory of Chemical Substances (AICS) | y (positive listing) | |
| EU list of existing chemical substances | y (positive listing) | |
| Japan Inventory of Existing & New Chemical Substances (ENCS) | y (positive listing) | |
| China Inventory of Existing Chemical Substances | y (positive listing) | |
| Korea Existing Chemicals Inventory (KECI) | y (positive listing) | |
| Canada DSL Inventory | y (positive listing) | |
| Canada NDSL Inventory | n (Negative listing) | |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | y (positive listing) | |
| TSCA list | y (positive listing) | On TSCA Inventory |

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

CERCLA Reportable quantity: 200 lbs

PRODUCT COMPOSITION

Ethanol

Chemical

64-17-5

CERCLA Reportable Quantity

Reportable quantity: 100 LBS

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Fire Hazard

SARA (313) CHEMICALS

67-56-1, Methanol.

CALIFORNIA PROPOSITION 65

64-17-5, Ethanol.

Canadian Regulatory Information**WHMIS CLASSIFICATION**

B2 - Flammable liquid

D2A - Very Toxic Material Causing Other Toxic Effects

D2B - Toxic Material Causing Other Toxic Effects

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16. OTHER INFORMATION**OTHER**

C = ceiling limit NEGL = negligible
EST = estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recommended by vendor
SKN = skin TS = trade secret
R = recommended MST = mist
NT = not tested STEL = short term exposure limit
ppm = parts per million ppb = parts per billion

By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).
, These data are offered in good faith as typical values and not as product specifications. No warranty,
either expressed or implied, is made. The recommended industrial hygiene and safe handling
procedures are believed to be generally applicable. However, each user should review these
recommendations in the specific context of the intended use and determine whether they are
appropriate.