

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Supplier Details: Scorpion Protective Coatings  
6184 S US HWY 231  
Cloverdale, IN 46120

24 Emergency Phone: 800-424-9300  
Phone: 800-483-9087  
Web: www.scorpioncoatings.com

**SECTION 2: HAZARDS IDENTIFICATION****Classification of the substance or mixture**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):  
Health, Respiratory or skin sensitization, 1 Respiratory  
Health, Acute toxicity, 3 Inhalation  
Health, Respiratory or skin sensitization, 1 Skin  
Health, Skin corrosion/irritation, 2  
Health, Carcinogenicity, 2  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Physical, Flammable Liquids, 3  
Health, Specific target organ toxicity - Single exposure, 3  
Health, Skin corrosion/irritation, 3  
Health, Acute toxicity, 4 Oral  
Health, Acute toxicity, 5 Inhalation  
Environmental, Hazards to the aquatic environment - Chronic, 3

**GHS Label elements, including precautionary statements**

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H331 - Toxic if inhaled  
H317 - May cause an allergic skin reaction  
H315 - Causes skin irritation  
H351 - Suspected of causing cancer  
H319 - Causes serious eye irritation  
H226 - Flammable liquid and vapor  
H336 - May cause drowsiness or dizziness  
H316 - Causes mild skin irritation  
H302 - Harmful if swallowed  
H333 - May be harmful if inhaled  
H412 - Harmful to aquatic life with long lasting effects

## SCORPION SX02 PART ADHESION PROMOTER (CH8001)

### GHS Precautionary Statements:

- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P284 - Wear respiratory protection.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P311 - Call a POISON CENTER or doctor/physician.

Hazards not otherwise classified (HNOC) or not covered by GHS

**Route of Entry:** Eyes; Ingestion; Inhalation; Skin;

**Target Organs:** Respiratory system; Skin;

**Inhalation:** Heating, spraying, foaming, or otherwise mechanically dispersing (drumming, venting or pumping) operations of this blend may generate more vapor or aerosol concentrations of its components.

Amines can produce severe respiratory tract irritation. This will be experienced as a discomfort in the nose, throat and chest, with nasal discharge, cough, headache and difficulty with breathing.

Prolonged or repeated contact may result in lung damage.

**Skin Contact:** Prolonged contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.

**Eye Contact:** May cause mild eye irritation. Symptoms from exposure include stinging, watering or discomfort of the eyes with redness and swelling.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

<u>Cas#</u>	<u>%</u>	<u>Chemical Name</u>
123-86-4	40-50%	Butyl Acetates
4083-64-1	0-1%	Benzenesulfonyl isocyanate, 4-methyl-
0	30-50%	Proprietary polyol blend
101-68-8	5-10%	4, 4' – Methylenediphenyl diisocyanate
9016-87-9	1-5%	Polymethylene polyphenyl isocyanate (PAPI)
26447-40-5	0-1%	Benzene, 1, 1' – methylenebis [isocyanate-
122-51-0	0-0.1%	Ethyl orthoformate

### SECTION 4: FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility immediately.

**Skin Contact:** Remove contaminated clothing immediately. Wash with large quantities of soap and water. Wash clothing before reuse. Seek medical attention if redness, burning or an itching sensation develops or persists after the area is washed.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

Get immediate medical attention. Will cause irritation on contact.

**Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. This material is an aspiration hazard. Never give anything by mouth to an unconscious person. Seek medical attention.

## SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability: NA**  
**Flash Point: >84°F**  
**Flash Point Method: COC**  
**Burning Rate: NA**  
**Autoignition Temp: NA**  
**LEL: NA**  
**UEL: NA**

Use dry chemical, foam, carbon dioxide, halogenated agents or water. Use cold water spray to cool fire exposed containers to minimize risk of rupture. A solid stream of water directed into hot burning liquid could cause frothing. If possible, contain run-off water. Wear positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spill:** Isolate and confine spill area. Remove all sources of flames, heating elements, gas engines, etc. Emergency cleanup personnel should select the specific respirator based on contamination levels found. Air purifying respirator equipped with full-face organic vapor cartridge if vapors are detected, or are irritating. In areas of high concentrations, fresh air-line respirators or self-contained breathing apparatus and protective clothing should be used. Prevent spreading and contamination of surface waters and drinking supplies. Notify local health officials and other appropriate agencies if such contamination should occur.

**Clean up:** With adequate ventilation and appropriate personal protective equipment, cover the area with an inert absorbent material such as clay or vermiculite and transfer to steel waste containers. Ventilate area to remove the remaining vapors.

### SECTION 7: HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing. Use PPE when transferring material from drums, totes or other containers. If contamination with isocyanates is suspected, do not reseal containers. Do not use smoke or naked lights, open flames, space heaters or other ignition sources near pouring, frothing or spraying operations

**Storage Requirements:** When stored between 15°C-30°C (60°F-80°F) in sealed containers, the typical shelf life is 6 months or more from the date of manufacture. Consult technical data sheet for shelf life requirements affecting performance quality. Open containers must be handled properly to prevent moisture pickup.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** General/local ventilation typically control vapor levels very adequately. Uses requiring heating or spraying may require more ventilation or PPE.

**Personal protective equipment:** HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face 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).

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

**Hand protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 30 min Material tested: Camatril (KCL 730 / Aldrich Z677442, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Eye protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and body protection:** impervious clothing, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Butyl acetates (123-86-4)

Components with workplace control parameters  
TWA 150 ppm USA. ACGIH Threshold Limit Values (TLV)  
Eye & Upper Respiratory Tract irritation

STEL 200 ppm USA. ACGIH Threshold Limit Values (TLV)  
Eye & Upper Respiratory Tract irritation

TWA 150 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
710 mg/m<sup>3</sup> 1910.1000

STEL 200 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
950 mg/m<sup>3</sup> 1910.1000

TWA 150 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1  
710 mg/m<sup>3</sup> Limits for Air Contaminants  
The value in mg/m<sup>3</sup> is approximate.

TWA 150 ppm USA. NIOSH Recommended Exposure Limits  
710 mg/m<sup>3</sup>

ST 200 ppm USA. NIOSH Recommended Exposure Limits  
950 mg/m<sup>3</sup>

Benzenesulfonyl isocyanate, 4-methyl- (4083-64-1) : no data available

4,4'-Methylenediphenyl diisocyanate (101-68-8)

Components with workplace control parameters

TWA 0.0050 ppm USA. ACGIH Threshold Limit Values (TLV)  
Respiratory sensitization

C 0.02 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
0.2 mg/m<sup>3</sup> 1910.1000

C 0.02 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1  
0.2 mg/m<sup>3</sup> Limits for Air Contaminants  
The value in mg/m<sup>3</sup> is approximate. Ceiling limit is to be determined from breathing-zone air samples.

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

TWA 0.0050 ppm USA. NIOSH Recommended Exposure Limits  
0.05 mg/m<sup>3</sup>  
10 minute ceiling value

C 0.2 ppm USA. NIOSH Recommended Exposure Limits  
0.2 mg/m<sup>3</sup>  
10 minute ceiling value

Polymethylene polyphenyl isocyanate (PAPI) (9016-87-9) : no data available

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Non-Pigmented Liquid	<b>Odor:</b>	Mild
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	NA
<b>Odor Threshold:</b>	No Data Available	<b>Solubility:</b>	Not soluble in water
<b>Spec Gravity/Density:</b>	NA	<b>Percent Volatile:</b>	50-80%
<b>Viscosity:</b>	No Data Available	<b>Freezing/Melting Point:</b>	No Data Available
<b>Boiling Point:</b>	>200°F	<b>Flash Point:</b>	>83°F
<b>Partition Coefficient:</b>	No Data Available	<b>Vapor Density:</b>	>1 (air = 1)
<b>Vapor Pressure:</b>	No Data Available	<b>Auto-Ignition Temp:</b>	No Data Available
<b>pH:</b>	No Data Available	<b>UFL/LFL:</b>	No Data Available
<b>Evap. Rate:</b>	<1		
<b>Decomp Temp:</b>	No Data Available		

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** This is a Flammable material. Avoid high temperatures, sparks, flame and extended exposure over 85° F (25 C).

**Conditions to Avoid:** Moisture and/or water. High temperatures, sparks, flame and extended exposure over 110°F (45°C). Moisture and/or water.

**Materials to Avoid:** Incompatible with oxidizing materials, strong alkalies, amines and acids.

**Hazardous Polymerization:** Will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

Butyl acetates (123-86-4)

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 10,700 - 14,130 mg/kg

Inhalation LC50 LC50 Inhalation - rat - 4 h - > 21.0 mg/l

Dermal LD50 LD50 Dermal - rabbit - 17,600 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: Skin - rabbit - Skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Moderate eye irritation

Respiratory or skin sensitization: no data available

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

Germ cell mutagenicity: no data available

**Carcinogenicity:**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human

carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by

ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: Developmental Toxicity - rat - Inhalation:

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities:

Musculoskeletal system.

no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Vapours may cause drowsiness and dizziness.

Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Drowsiness, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: AF7350000

Benzenesulfonyl isocyanate, 4-methyl- (4083-64-1)

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 2,234 mg/kg Remarks: Gastrointestinal:Other changes.

LD50 Oral - Mammal - 2,600 mg/kg

Inhalation LC50 LC50 Inhalation - rat - 1 h - > 640 ppm Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Other. Lungs,

Thorax, or Respiration:Dyspnea.

Dermal LD50 no data available

Other information on acute toxicity LD50 Intraperitoneal - rat - 775 mg/kg Remarks: Behavioral:General anesthetic.

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: May cause allergic respiratory reaction.

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System): no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System): no data available

Aspiration hazard: no data available

Potential health effects: Inhalation Toxic if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Cough, Shortness of breath, Headache, Nausea, Vomiting

Synergistic effects: no data available

Additional Information:

RTECS: DB9032000

4,4'-Methylenediphenyl diisocyanate (101-68-8)

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 4,700 mg/kg

Inhalation LC50 Dermal LD50 no data available

Other information on acute toxicity

Skin corrosion/irritation: Serious eye damage/eye irritation:

Eyes - rabbit - Moderate eye irritation

Respiratory or skin sensitization: no data available

May cause allergic respiratory and skin reactions

Germ cell mutagenicity: Laboratory experiments have shown mutagenic effects.

Genotoxicity in vitro - Human - lymphocyte Sister chromatid exchange

Genotoxicity in vivo - rat - Inhalation DNA damage

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

**Carcinogenicity:**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

Limited evidence of carcinogenicity in animal studies

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Diphenylmethane-4,4- diisocyanate)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

ACGIH:

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Reproductive toxicity - rat - Inhalation:

Maternal Effects: Other effects. Specific Developmental Abnormalities: Musculoskeletal system.  
no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be fatal if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Cough, Shortness of breath, Headache, Nausea, Vomiting, Pulmonary edema. Effects may be delayed.

Synergistic effects: no data available

**Additional Information:**

RTECS: NQ9350000

Polymethylene polyphenyl isocyanate (PAPI) (9016-87-9)

Information on toxicological effects

**Acute toxicity:**

Oral LD50 no data available

Inhalation LC50 LC50 Inhalation - rat - 4 h - 0.49 mg/l

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: May cause allergic respiratory and skin reactions

Germ cell mutagenicity: no data available

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

**Carcinogenicity:**

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Isocyanic acid, polymethylenepolyphenylene ester)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by

ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be fatal if inhaled. Causes respiratory tract irritation. Ingestion Harmful if swallowed. Skin Harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: salivary gland obstruction, allergic dermatitis, respiratory difficulties, bronchoconstriction, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: Not available

Ethyl orthoformate (122-51-0)

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 7,060 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - 17,820 mg/kg

LD50 Dermal - guinea pig - > 8,910 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation - OECD Test Guideline 405

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human

carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by

ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:  
RTECS: RM6475000

## SECTION 12: ECOLOGICAL INFORMATION

Butyl acetates (123-86-4)

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Lepomis macrochirus* (Bluegill) - 100 mg/l - 96 h.

Toxicity to daphnia EC50 - *Daphnia magna* (Water flea) - 72.8 - 205.0 mg/l - 24 h.  
and other aquatic invertebrates

Persistence and degradability: no data available  
Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life with long lasting effects.  
no data available

Benzenesulfonyl isocyanate, 4-methyl- (4083-64-1)

Information on ecological effects

Toxicity: no data available

### SCORPION SX02 PART ADHESION PROMOTER (CH8001)

---

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

4,4'-Methylenediphenyl diisocyanate (101-68-8)

Information on ecological effects

Toxicity:

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 0.35 mg/l - 24 h.  
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: Do not empty into drains.  
no data available

Polymethylene polyphenyl isocyanate (PAPI) (9016-87-9)

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Ethyl orthoformate (122-51-0)

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

## SCORPION SX02 PART ADHESION PROMOTER (CH8001)

### SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal:** Any disposal practice must be in compliance with all federal, state and local laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Waste characterization and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material.

Do not allow material to enter sewers, a body of water, or contact the ground. Refer to RCRA 40 CFR 261, and/or any other appropriate federal, state or local requirements for proper classification information.

### SECTION 14: TRANSPORT INFORMATION

UN1263, Paint related material including paint thinning, drying, removing, or reducing compound, 3, PGIII

### SECTION 15: REGULATORY INFORMATION

Component (CAS#) - CODES

-----  
 RQ(5000LBS), Butyl acetates (123-86-4) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

RQ(5000LBS), 4,4'-Methylenediphenyl diisocyanate (101-68-8) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

Polymethylene polyphenyl isocyanate (PAPI) (9016-87-9) SARA313, TSCA  
 Regulatory CODE Descriptions

-----  
 RQ = Reportable Quantity  
 CERCLA = Superfund clean up substance  
 CSWHS = Clean Water Act Hazardous substances  
 MASS = MA Massachusetts Hazardous Substances List  
 OSHAWAC = OSHA Workplace Air Contaminants  
 PA = PA Right-To-Know List of Hazardous Substances  
 TSCA = Toxic Substances Control Act  
 TXAIR = TX Air Contaminants with Health Effects Screening Level  
 HAP = Hazardous Air Pollutants  
 NJHS = NJ Right-to-Know Hazardous Substances  
 SARA313 = SARA 313 Title III Toxic Chemicals

### SECTION 16: OTHER INFORMATION

NFPA: Health = 2, Fire = 2, Reactivity = 0, Specific Hazard = None  
 HMIS III: Health = 2, Fire = 2, Physical Hazard = 0  
 HMIS PPE: H - Splash Goggles, Gloves, Apron, Vapor Respirator

NFPA		HMIS	
<b>FIRE HAZARD</b>		<b>HEALTH</b>	2
<b>HEALTH</b>	2	<b>FLAMMABILITY</b>	2
<b>REACTIVITY</b>	0	<b>PHYSICAL HAZARD</b>	0
NONE		<b>PERSONAL PROTECTION</b>	H
<b>SPECIFIC HAZARD</b>			

**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).