

Material Safety Data Sheet



REPELL-UV 1045 WATER REPELLANT

Version 1.0

Print Date: 07/10/2007

SECTION 1 – PRODUCT IDENTIFICATION

Trade Name : Repell-UV 1045 Water Repellant
Product Code : 1045-01
Company : Sealants & Coatings Technologies, Inc.
106 Industrial Way
Charlestown, IN 47111
Telephone : (800) 899-3301 8:00 – 5:00 EST
Emergency Phone : (812) 256-3767
Product Use : Coating

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview

Milky liquid. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further exposure. If symptoms persist, get medical attention.

Acute Potential Health Effects / Routes of Entry

Inhalation : May cause slight irritation to the respiratory system.
Eyes : Slightly irritating.
Ingestion : While this product has a low degree of toxicity, ingestion of excessive quantities may cause irritation to the mouth, throat and stomach.
Skin : Irritant effect may be delayed. Prolonged or repeated contact with skin can cause mild irritation, defatting and dermatitis.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

No chronic hazard is anticipated.

Carcinogenicity NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No

SECTION 3 – PRODUCT COMPOSITION – HAZARDOUS COMPONENTS

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight %</u>
Ethylene Glycol Mono Butyl Ether	111-76-2	2

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SECTION 4 – FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation	:	If irritation of nose or throat develops, remove victim to fresh air. If victim is not breathing or if breathing is difficult, artificial respiration or oxygen should be administered by qualified personnel. Seek medical attention. If victim is drowsy and unconscious, place on left side with head down. Do not give anything by mouth. Get medical help.
Eye Contact	:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin Contact	:	Wash affected area with soap and water. If irritation, rash or any other disorders develop, get medical attention immediately.
Ingestion	:	Do not induce vomiting unless advised by a physician.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point	:	None
Method	:	Setaflash
Burning Rate	:	Non-flammable solid
Lower Flammable Limit	:	1.1% in air by volume
Upper Flammable Limit	:	Not available
Autoignition Temperature	:	Not available
Extinguishing Media	:	This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings. Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog.
Hazardous Combustion Products	:	Smoke, fumes.
Protective Equipment for Firefighters	:	Not applicable. Product is not expected to burn.
Fire and Explosion Conditions	:	This product is not expected to ignite under normal conditions of use. Closed containers exposed to very high temperatures may rupture due to pressure buildup.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal. Keep out of water courses. Dispose of product in accordance with applicable local, county, state and federal regulations.

SECTION 7 – HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion and contact with skin, eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not use in confined or poorly ventilated areas. Store in sealed containers in a dry, ventilated area not subject to extremes of temperatures and freezing.

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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection Equipment

- Respiratory Protection : Special protection is not required unless the material is sprayed. If sprayed, adequate ventilation should maintain concentrations below PEL's and prevent inhalation of overspray. Where ventilation is inadequate, use NIOSH approved respirator or forced air mask.
- Hand Protection : Protect hands under prolonged use with impermeable gloves.
- Eye Protection : Approved eye protection to safeguard against potential eye contact is recommended.
- Protective Measures : A source of clean water should be available for flushing of eyes or skin in the event of an accident. An apron or impervious clothing should be worn as needed.
- Engineering Measures : Where large surfaces are coated in a confined area, adequate ventilation should be provided to prevent buildup of volatile materials above TLV's.
- Hygienic Practices : Clean contaminated skin with mild soap and water before material dries. Wash hands thoroughly before handling food.

Exposure Limits

No known components with exposure limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- Form : White milky liquid
- Odor : Mild monomer odor
- pH : 8.0 +/- 0.5
- Vapor Density : Lighter than air
- Evaporation Rate : Slower than Ether
- Water Solubility : Dilutable
- Specific Gravity (H₂O = 1) : 1.0
- Boiling Point : 212° F.
- Material V.O.C. : 0.38 lb./gal. (46 g/l)

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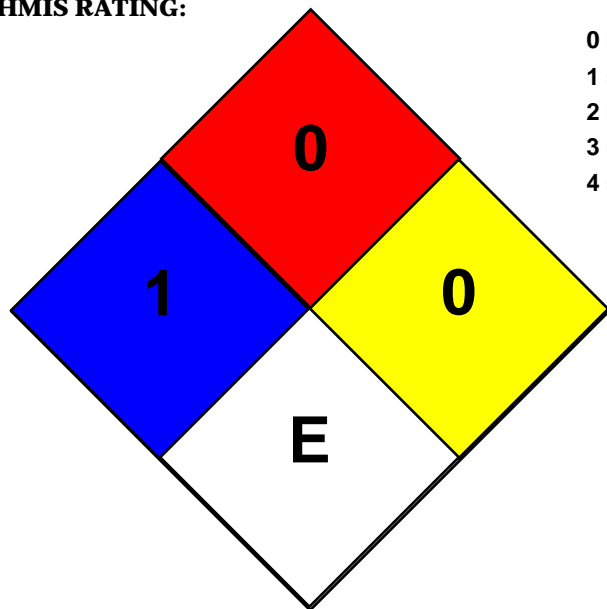
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SECTION 10 – REACTIVITY / STABILITY

Stability	:	Stable
Conditions to Avoid	:	None known
Substances to Avoid	:	No hazardous reactions are expected to occur under normal conditions of use.
Hazardous Decomposition Or Byproducts	:	Combustion of the dry film may produce carbon monoxide and/or carbon dioxide. Oxides of nitrogen
Hazardous Polymerization	:	Will not occur.

SECTION 11 – OTHER INFORMATION

HMIS RATING:



0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Blue	HEALTH
Red	FLAMMABILITY
Yellow	REACTIVITY
White	PROTECTIVE EQUIPMENT

E	safety glasses, gloves and a dust respirator
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SECTION 12 - DISCLAIMER

The information and recommendations set forth herein are presented in good faith and believed to be correct as of date. Sealants & Coatings Technologies, Inc. makes no representation as to the completeness or accuracy thereof. Information is supplied under the condition that the recipient will make his/her own determination as to the suitability for the intended purpose, prior to use.