



ECORE International, Inc.
715 Fountain Avenue
P.O. Box 989
Lancaster, PA 17608-0989

MATERIAL SAFETY DATA SHEET

Product Identification

NAME: ECOguard P-705
CLASS: Floor Sealer
CAS NUMBER: Not Established
Chemical Family: polyurethane dispersion

H.M.T.S. Hazard Codes

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

Section I

NAME: ECORE International, Inc	EMERGENCY PHONE NUMBER
ADDRESS: 715 Fountain Avenue	Day: 717.295.3400
ADDRESS: P.O. Box 989	CHEMTREC: 800.424.9300
ADDRESS: Lancaster, PA 17608-0989	Information Phone Number: 800.322.1923
Date Prepared: May 25, 2011	Prepared By: ECORE International, Inc.
Supersedes: Jan. 8, 2008	

Section II – Information on Ingredients

Ingredient: Material Description	Percent by Weight	CAS Registry Number
1-METHYL-2-PYRROLIDINONE	< 5.0	872-50-4
ISOPROPANOL	1.0 to 5.0%	67-63-0
DI(2-ETHYLHEXYL)SULFOSUCCINIC ACID, SODIUM SALT	1.0 to 3.0%	577-11-7
Proprietary	87 to 98%	N/A

HAZARDS DISCLOSURE: This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.
As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.

Section III – Hazards Identification

Eye Hazards: May cause eye irritation and redness.

Skin Hazards: May cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation Hazards: May be harmful if inhaled. Repeated overexposure by inhalation of mist may product headache, nausea, and dizziness.

Ingestion Hazards: May be harmful if swallowed. May cause irritation to mouth, throat, and digestive system.

Chronic Effects: In a 4 week inhalation study with rats, 1-methyl-2-pyrrolidinone caused effects on the lung, thymus, blood and lymph tissues. Repeated and prolonged ingestion of 1-methyl-2-pyrrolidinone caused increased severity of spontaneous progressive nephropathy in male rats and increased liver weight and cell hypertrophy in male and female mice.

Reproductive Hazards: Adverse effects on reproduction have been reported in rats after ingestion of 1-methyl-2-pyrrolidinone, which also caused mild generalized changes in the parental animals. The relevance of these findings to humans is unknown.

Carcinogenicity Information: The components of this product are not known to be listed or regulated by IARC, NTP, OSHA, or ACGIH.

Section IV – First Aid Measures

Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Wash thoroughly with soap and water. Get medical attention immediately if irritation develops or persists.

Ingestion: Dilute by drinking large quantities of water. Call a physician or poison control center immediately.

Inhalation: Remove to fresh air. Get medical attention.



Section V – Fire Fighting Measures

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

Fire and Explosion Hazards: No known unusual hazards in a fire/explosion situation

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Section VI – Accidental Release Measures

Initial Containment:

Absorb spills with inert material. Flush the area thoroughly with water and scrape to remove residue.

Large Spills Procedure:

Recover and reclaim product where possible. Absorb remainder with liquid binding material. Carefully shovel or sweep up spilled material and place in suitable container.

Small Spills Procedure:

Small spills may be flushed with water. Clean up area by absorbent material.

Section VII – Handling and Storage

Recommended Storage Temperature:

Minimum: 4 C (39.2 F)

Maximum: 40 C (104.0 F)

Shelf Life: 6 months @ 4 C to 40 C

Handling Precautions: Avoid circumstances that produce respirable particles. Avoid contact with skin and eyes. Wash thoroughly after handling. Under normal conditions of use, curing (heating) this polymer may generate a small amount of triethylamine. Substrates coated or impregnated with this polymer can emit triethylamine until the polymer is fully reacted.

Storage Precautions: Store in a cool dry place. Keep from freezing. Keep container closed when not in use.

Section VIII – Exposure Controls / Personal Protection

Engineering Controls: Local ventilation recommended – mechanical ventilation may be used.

Eye/Face Protection: Safety glasses with side shields or chemical safety goggles.

Skin Protection: Protective gloves.

Respiratory Protection: When there is a potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

Other/General Protection: Wear clothing suitable to prevent skin contact. Eye wash and safety shower in the work area.

Exposure Guidelines: Isopropanol

Recommended Exposure Limit: 400 ppm, 980 mg/m³

OSHA PEL: 400 ppm, 980 mg/m³

OSHA TWA: 400 ppm, 980 mg/m³

ACGIH TWA: 200 ppm, 492 mg/m³

ACGIH STEL: 400 ppm, 984 mg/m³



Section IX – Physical and Chemical Properties

Form.....: Liquid
Color.....: Opaque
Odor.....: Amine like
Solubility in water.....: Miscible
pH.....: 4.0 – 8.0

Liquid
Opaque
Amine like
Miscible
4.0 – 8.0

Section X – Stability and Reactivity

Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR
Incompatible Materials: Strong oxidizers
Decomposition: Ammonia
Conditions to Avoid: None known.

Section XI – Toxicological Information

No information available.

Section XII – Ecological Information

No information available.

Section XIII – Disposal Considerations

Waste Disposal:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.
Contaminated Materials:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Section XIV – Transportation Information

Product Label.....: ECORE P-705
D.O.T. Shipping Name.....: Not regulated
Technical Shipping Name...: Liquid Latex
D.O.T. Hazard Class.....: Non-Hazardous

ECORE P-705
Not regulated
Liquid Latex
Non-Hazardous

Section XV – Regulatory Information

U.S. Regulatory Information
This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).
Canadian Disclosure List
ISOPROPANOL (67-63-0)
DI(2-ETHYLHEXYL)SULFOSUCCINIC ACID, SODIUM SALT (577-11-7)
SARA Title III - Section 313
I-METHYL-2-PYRROLIDINONE (872-50-4)
Title V
ISOPROPANOL (67-63-0)
Miscellaneous Information:
This material or all of its components are listed on the Canadian Domestic Substances List (DSL).
This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).



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Section XVI – Other Information

Reason for Issue.....:	Format revisions
Prepared by.....:	ECORE International
Approved by.....:	ECORE International
Title.....:	Chemist
Approval Date.....:	May 26, 2011
Supersedes Date.....:	January 8, 2008

Abbreviations Used

N/A = Information or data Not Available	NTP = National Toxicology Program
IARC = International Agency for Research on Cancer	NIOSH = National Institute of Occupational Safety and Health
ACGIH = American Conference on Governmental Industrial Hygienists	OSHA = Occupational Safety and Health Administration
PEL = Permissible Exposure Limit (8-hr. TWA) (OSHA)	TLV = Threshold Limit Value (8-hr. TWA) (ACGIH)
STEL = Short Term Exposure Limit (15-min. TWA) (OSHA)	C = Ceiling Value
HMIS = Hazardous Material Information Sheet	

DISCLAIMER

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

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END of MSDS