Material Safety Data Sheet

1. Chemical Product & Company Data

Product Name: **SurfaceShield**	
Manufacturer: Il Rep-Z, Inc. 4660 Elizabeth Street Coraopolis, PA 15108 Telephone: 1-412-264-8340	Supplier:

2. Ingredients

Name	CAS #	UN #	% by volume
Hydantoin Resin	77-71-4		1-5

3. Hazards Identifcation

Emergency Overview
Skin and eye irritant.

NOTE: Hazard information is based on the characteristics of the components of this mixture.

Ingestion - May cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation - May cause irritation of the respiratory tract.

Eye Contact - May cause eye irritation.

Skin Contact - Prolonged contact may cause discomfort and irritation of the skin.

4. First Aid

Ingestion - If patient is conscious give two glasses of water. **Do not** induce vomiting. Seek medical attention immediately.

Inhalation - Remove to fresh air. Administer artificial respiration if not breathing.

Eye Contact - Flush eyes with water for 15 minutes. Seek immediate medical attention.

Skin Contact - Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists.

5. Fire Fighting Measures

Flammability Yes ☐ No ☒	If yes, under which conditions?	
Flashpoint: 224 °F (106.6 °C)	Upper flammable limit % by volume	Lower flammable limit % by volume
Autoignition temperature	Hazardous combustion products	Explosion data
Means of extinction:		

6. Accidental Release Measures

Wear personal protective equipment.
Do not allow spill to reach watercourse or sewers.
Contain spill with absorbent mats or booms or inert materials such as sand. Material should be readily available in the workplace.
Collect and store waste materials in suitable containers for disposal i.e. metal drums.

7. Handling & Storage

To prevent vapor escaping to the atmosphere keep all containers closed or covered.
Eyewash stations are recommended in the workplace.
If eye irritation is encountered the use of a full facepiece respirator is recommended.
Mechanical ventilation is recommended in enclosed workspaces.
Area should be evacuated of all non essential personnel prior to application of product.

8. Exposure Controls & Personal Protection

Personal Protective Equipment		
Gloves Natural Rubber	Respirator NIOSH TC-23C organic vapor + dust & mist prefilter	Eye Goggles or full face respirator
Footwear n. ap.	Clothing Tyvek coveralls or equivalent	Other n. ap.
Exposure Guidelines		
none established for product		

9. Physical and Chemical Properties

Physical state	Odor and appearance	
Liquid	Opaque light green liquid, mild fragrant odor	
Odor threshold (ppm)	Vapor pressure (mm Hg)	Vapor density (Air=1)
n. av.	n. av.	n. av.
Evaporation (butyl acetate = 1) n. av.	Boiling point 212 °F (100 °C)	Freezing point 32 °F (0 °C)
pH 6.9	Specific gravity 1.05	Coefficient water/oil distribution n. av.
Solubility in water 100%	Viscosity n. av.	% Volatiles (by weight) n. av.

10. Stability and Reactivity

Chemical Stability Yes [X] No [ ]	If no, under which conditions?
Incompatibility with other substances Yes [X] No [ ]	If yes, under which conditions? Avoid contact with strong acids, caustics and oxidizers.
Reactivity, and under what conditions?	Stable under normal conditions.
Hazardous decomposition products? n. av.	

11. Toxicological Information

Route of Entry
Skin Contact [X]   Skin Absorption [ ]   Eye Contact [X]   Inhalation [X]   Ingestion [X]
No toxicity studies have been conducted for the product.

Carcinogenicity No	Mutagenicity No	Teratogenicity No	Reproductive toxicity No
Synergistic products No	Sensitization No	Neurotoxicity No	Target organs Eyes and Skin

12. Ecological Information

n. av.

13. Disposal Considerations

Do not dispose of product in storm or sanitary sewer systems.
Do not allow discharge into groundwater or a watercourse.
If product is to be disposed of, contact a licensed or registered waste disposal firm to incinerate the product.

14. Transport Information

Shipping Name: NOT REGULATED

Hazard Class:

UN Identification #:

15. Regulatory Information

This material safety data sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Hazardous Products Act (Can.) and the Controlled Products Regulations (Can.) This product has been classified in accordance with the hazard criteria of the CPR (Can.) and the MSDS contains all the information required by the CPR (Can.).

This product is classed as a **skin and eye irritant** - 29 CFR 1910.1200 and Controlled Products Regulations (Can.)

WHMIS classification **D2B**

This product is not subject to the reporting requirement of Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA) 1986 and 40 CFR part 372.

16. Other Information

This product is a commercial cleaning chemical.

For chemical emergency during transportation call INFOTRAC (US) **1-800-535-5053** (INT'L) **1-352-323-3500**

Prepared by: Il Rep-Z, Inc., Coraopolis, PA / Cliff Zlotnik	Phone No: 1-412-264-8340	Date: May 16, 2005

Abbreviations:

n. av. = not available	n. ap. = not applicable	ppm = parts per million
mm Hg = millimeters of Mercury	PMCC = Pensky Martens Closed Cup	TCC = Tagliabue Closed Cup
COC = Cleveland Open Cup	TWA = Time Weighted Average	STEL = Short Term Exposure Limit
LD = Lethal Dose	LC = Lethal Concentration	CS = centistokes