

MATERIAL SAFETY DATA SHEET
MSDS 0469

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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
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 Zipp II
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PRODUCT CODES
B
 82645
CHEMICAL FAMILY
 Organic
USE
 Cleaner & Degreaser
MANUFACTURER'S NAME
 The RectorSeal Corporation
 2601 Spenwick Drive
 Houston, Texas 77055 USA
VALIDATION DATE
TELEPHONE NO.
 August 23, 2006
REVISION DATE
 August 23, 2006

HMIS CODES
Health
Flammability
Reactivity
PPI

EMERGENCY TELEPHONE NO.
Chemtrec 24 Hours
(800) 424-9300

TECHNICAL SERVICE
(800) 231-3345

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Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT CAS No. INGREDIENT UNITS
-- -- Trade Secret
 ACGIH TLV 10 PPM
 OSHA PEL N/D

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Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS
 Repeated inhalation may cause dizziness, nausea and CNS effects. May cause severe eye and skin irritation.
ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS
INHALATION
 Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory

failure.

EYE CONTACT

Contact with eyes may cause severe irritation.

SKIN CONTACT

Irritation and drying.

INGESTION

May cause irritation of the digestive tract. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

SUMMARY OF CHRONIC HAZARDS

Skin irritation, contact dermatitis, and defatting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

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Section 4 -- FIRST AID MEASURES

If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on SKIN: Immediately wash with soap and water. Remove and wash any contaminated clothing.

If in EYES: Flush eyes with large amounts of water for 15 minutes.

Get medical attention if irritation persists.
If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT LEL UEL
None N/D N/D
Negative Flame Extension, (NFPA) Level 1 Aerosol

EXTINGUISHING MEDIA

Foam, dry chemical, CO2, or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and full body protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate area. Dike area as run-off may create additional environmental contamination.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans are under pressure -

exposure to temperatures above 120F can cause bursting or "rocketing" of cans.

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Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. Ventilate area with forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

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Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Shake well before using. Keep away from heat and open flames. Prolonged exposure to direct sunshine or storage above 120 F may cause can to burst. Do not puncture or incinerate can. OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions.

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirator. VENTILATION - LOCAL EXHAUST: Acceptable SPECIAL: Explosion proof MECHANICAL (GENERAL): Acceptable OTHER: N/A PROTECTIVE GLOVES: Wear rubber gloves. EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent) OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant coveralls recommended. WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 160 F (71 C)@ 760mm Hg

SPECIFIC GRAVITY (H2O = 1): 1.33
VAPOR PRESSURE (mm Hg): 139 mm HG @ 20 C
MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): >1
EVAPORATION RATE (ETHYL ACETATE = 1): >1
APPEARANCE/ODOR: Clear Liquid / Mild Odor
SOLUBILITY IN WATER: Moderately soluble in water

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Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Do not store in temperatures above 120 F.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.
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Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA
Ingredient Name

Trade Secret
Oral-Rat LDLo:4000 mg/kg
Inhalation-Rat LC50:253,000 mg/m3/30M
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Section 12 -- Ecological Information

ECOLOGICAL DATA
Ingredient Name

Trade Secret
Food Chain Concentration Potential N/D
WATERFOWL TOXICITY N/D
BOD N/D
AQUATIC TOXICITY N/D
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Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Aerosols
Disposal Method: Empty containers can be disposed of in trash. Full containers should be depressurized to separate liquid phase. Dispose of all

liquid waste in accordance with all local, state and federal regulations.

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Section 14 -- TRANSPORTATION INFORMATION

DOT: Aerosols, Class 2.2, UN 1950, ERG#126
OCEAN (IMDG): Aerosols, Class 2.2, UN 1950, IMDG#2102, EMS#2-13
AIR (IATA): Aerosols, Class 2.2, UN 1950, ERG#126
WHMIS (CANADA): Class A, (Class D Division 1, Subdivision B)

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Section 15 -- REGULATORY INFORMATION

REGULATORY DATA
Ingredient Name

Trade Secret

SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

CALIFORNIA PROPOSITION 65

This product contains a chemical known to the state of California to cause birth defects or reproductive harm.

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Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001