



MATERIAL SAFETY DATA SHEET

PARTALL[®] HT-PT

MSDS Number: HTPT-003

Effective Date: 20 June 2011

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SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **PARTALL[®] HT-PT Release**
GENERIC NAME **Polymer Resin Solution**
PRODUCT DESCRIPTION **Resin Mold Release Agent**

MANUFACTURER REXCO
 P.O. Box 80996
 Conyers, Georgia 30013
 USA

TRANSPORTATION EMERGENCY:

CHEMTREC (800) 424-9300 U.S.A. (24 hours/day)
CHEMTREC (703) 527-3887 International (Collect calls accepted)

CUSTOMER SERVICE AND PRODUCT EMERGENCY:

REXCO (800) 888-1060 U.S.A and Canada
REXCO (770) 483-7610 International

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (%)
Acetone	67-64-1	5 – 10
Mineral Spirits	64742-47-8	5 – 10
Petroleum Naphtha	64742-89-8	30 – 40
Xylene*	1330-20-7	15 – 20
Toluene*	108-88-3	15 – 20

*This chemical is subject to the reporting requirements of section 313 of SARA Title III.

SECTION 3: HAZARDS IDENTIFICATION

NFPA RATING: Health 2, Fire 3, Reactivity 0

HMIS RATING: Health 2, Fire 3, Reactivity 0

0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME

POTENTIAL HEALTH EFFECTS

EYES: May cause temporary eye irritation with discomfort.

SKIN: May cause dryness and cracking.

INHALATION: Higher level exposure may cause drowsiness and dizziness or headaches. Prolonged exposure may cause serious damage to health.

INGESTION: Unknown.



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CHRONIC HEALTH EFFECTS: Possible risk of harm to the unborn child. Danger of serious damage to health by prolonged exposure through inhalation.

SYMPTOMS OF EXPOSURE: Symptoms of exposure through inhalation, ingestion, or direct contact with skin may include irritation of nose, throat, airways, skin and eyes – possibly including headaches and dizziness. Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure to this product.

PRIMARY ROUTES OF ENTRY: Skin contact, ingestion, and inhalation.

CANCER INFORMATION: Neither this product nor any of its components is listed as a carcinogen or partial carcinogen by the following agencies: the National Toxicology Program, the International Agency for Research on Cancer, and the Occupational Safety and Health Administration.

SECTION 4: FIRST AID MEASURES

EYES	Flush immediately with cold water for 15 minutes and seek medical attention.
SKIN	Wash affected area with soap and water. Apply skin moisturizer. If irritation or cracking from contact persists, seek medical attention.
INHALATION	If light-headedness or difficulty of breathing is experienced, expose individual to fresh air and/or oxygen. If breathing stops, begin artificial respiration and seek immediate medical attention.
INGESTION	Seek immediate medical attention. Only induce vomiting if directed to do so by medical personnel. If vomiting occurs spontaneously, keep victim's head below hips to prevent aspiration into lungs. If possible, do not leave victim unattended.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT / METHOD: <73 °F (<23 °C) / Tagliabue Closed Cup method (TCC)

AUTO IGNITION TEMPERATURE: Not available

FIRE AND EXPLOSION HAZARDS: Low flash point. Vapor accumulations may flash and/or explode if ignited. Keep work areas free of hot metal surfaces and other sources of ignition. Do not store with strong oxidizers (liquid chlorine or concentrated oxygen).

EXTINGUISHING MEDIA: Use dry chemicals, CO₂, water fog, water spray, or alcohol-resistant foam.

FIRE FIGHTING INSTRUCTIONS: Wear a NIOSH-approved self contained breathing apparatus in positive pressure mode and full bunker gear. Water may be unsuitable as an extinguishing media but helpful in keeping adjacent containers cool in order to prevent container rupture. Avoid spreading burning liquid with water used for cooling purposes.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL: Remove sources of ignition. Persons involved in clean-up should wear personal protection equipment. Stop spill at source and prevent from spreading. Flush spilled material into suitable retaining areas or containers. Small amounts of spilled material may be absorbed with any standard absorbent. If run-off occurs, notify proper authorities as required. Place in chemical waste container and dispose of in accordance with local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

Store in cool, dry area. Vapor accumulations may flash and/or explode if ignited. Avoid high heat sources, open flame and welding arcs. Keep container tightly closed when not in use. Avoid contamination of tobacco products when handling this material – inhalation of vapors in the presence of tobacco products can result in polymer fume fever.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: Safety glasses with side-shields or goggles are advised. Eye washes are recommended for work areas.

SKIN PROTECTION: Wear impervious gloves, clothing, and shoes to prevent skin contact.

RESPIRATORY PROTECTION: Use in adequately ventilated areas. Respiratory mask not required for properly ventilated areas. If vapor or mist accumulates use of NIOSH-approved cartridge respirator or gas mask is advised. Engineering controls should be implemented if necessary to reduce exposure.

ENGINEERING CONTROLS: Provide sufficient general and/or local exhaust to minimize exposure level. Local exhaust preferable, mechanical exhaust acceptable.

EXPOSURE GUIDELINES:

COMPONENT	OSHA PEL	ACGIH TLV
Xylenes	100ppm	100ppm
Toluene	100 ppm PEL/TWA	50 ppm TLV/TWA

PEL = PERMISSIBLE EXPOSURE LIMITS TLV = THRESHOLD LIMIT VALUE TWA = TIME WEIGHTED AVERAGE (8 HOURS)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White viscous liquid
SPECIFIC GRAVITY (H₂O=1): 0.82
EVAPORATION RATE: 20 (CCL₄ = 100)
SOLUBILITY IN WATER: Insoluble
REACTIVITY IN WATER: Stable
V.O.C. (BY % CALCULATION): 769.7 g/liter
V.O.C. = VOLATILE ORGANIC CONTENT

VISCOSITY: 10 – 170 cps @ 77 °F (25 °C)
ODOR: Strong aliphatic odor
BOILING POINT: 160 – 180 °F (71 – 82 °C)
MELTING POINT: Not Applicable



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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Avoid open flame and welding arcs, high temperature sources and strong oxidizers.

HAZARDOUS DECOMPOSITION: May create carbon dioxide or carbon monoxide in presence of air.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

No data available specific to this product. Following is data as pertains to one or more major ingredients:

Toxicological Data on Ingredient Toluene:

SKIN: LD50 (Rabbit): Acute: 14100 mg/kg

INHALATION: LC50 (Rat): Acute: 49000 mg/m 4 hours
LC50 (Mouse): Acute: 440 ppm 24 hours

INGESTION: LD50 (Rat): 636 mg/kg

Consult local authorities for acceptable exposure limits.

SECTION 12: ECOLOGICAL INFORMATION

Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. Do not allow to enter ground soil, sewage or drains.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste material may be disposed at an approved facility where permitted under appropriate Federal, State, and Local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Resin Solution; 3; UN1866; Packing Group II

ICAO / IATA CLASSIFICATION: UN1866; Resin Solution; 3; Packing Group II

IMDG CLASSIFICATION: UN1866; Resin Solution; 3; Packing Group II



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SECTION 15: REGULATORY INFORMATION

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT OF 1980 (CERCLA)

<u>COMPONENT</u>	<u>REPORTABLE QUANTITY (RQ)</u>
Xylene	100 lbs
Toluene	1000 lbs

All components in this product are on the TSCA (USA) and DSL (Canada) regulatory lists. Product is a proprietary, complex mixture which, according to Government regulations is not required to be registered.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III

SARA 302: Contains no chemicals subject to SARA 302 reporting

SARA 311/312/313 HAZARD CATEGORIES:

<u>COMPONENT</u>	<u>CATEGORY</u>
Xylene	Acute Health, Delayed Health, Fire
Toluene	Acute Health Hazard, Fire

OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) CLASSIFICATION: 29 CFR 1910.1200

Hazardous Chemical: YES

CALIFORNIA PROPOSITION 65: WARNING -This product contains a chemical(s) known to the state of California to cause birth defects or other reproductive harm.

WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) CLASSIFICATION:

Hazardous: Flammable Liquid

SECTION 16: OTHER INFORMATION

All information provided in this Material Safety Data Sheet is believed to be accurate and reliable. REXCO makes no warranty of any kind, express or implied, including warranties of merchantability or fitness for a particular purpose, concerning the safe use of this material in your process or in combination with other substances. Users should make their own tests and assessments as to the suitability of this product or the information contained herein for their particular purposes and uses. .

Prepared by: REXCO Product Stewardship Department