

# SAFETY DATA SHEET

**Date Issued :** 5/19/2015  
**MSDS No :** APC  
**Date Revised :** 5/19/2015  
**Revision No :** 16

## STA'-PUT S203 All Purpose Adhesive Remover

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** STA'-PUT S203 All Purpose Adhesive Remover

#### MANUFACTURER

ITW Polymers Sealants North America  
 56 Air Station Industrial Park  
 Rockland, MA 02370

**Product Stewardship:** (781) 878-7015

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation): (800) 424-9300

**COMMENTS:** STA'-PUT is a registered trademark of Illinois Tool Works, Inc.

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Irritation, Category 2A  
 Skin Irritation, Category 2  
 Skin Sensitization, Category 1  
 Aspiration Hazard, Category 1  
 Target Organ Toxicity (Single exposure), Category 3

##### Environmental:

Acute Hazards to the Aquatic Environment, Category 1  
 Chronic Hazards to the Aquatic Environment, Category 1

##### Physical:

Flammable Liquids, Category 1  
 Liquefied Gases

#### GHS LABEL



Flame



Health hazard



Exclamation mark



Gas cylinder



Environment

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H224: Extremely flammable liquid and vapour.  
 H280: Contains gas under pressure; may explode if heated.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.  
 H400: Very toxic to aquatic life.  
 H410: Very toxic to aquatic life with long lasting effects.

#### PRECAUTIONARY STATEMENT(S)

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### Prevention:

[201]: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P233: Keep container tightly closed.  
 P240: Ground/bond container and receiving equipment.  
 P241: Use explosion-proof electrical/ventilating/lighting equipment.  
 P242: Use only non-sparking tools.  
 P243: Take precautionary measures against static discharge.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264: Wash hands, forearms, and other exposed areas thoroughly after handling.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P331: Do NOT induce vomiting.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P370+P378: In case of fire: Use appropriate media to extinguish.  
 P391: Collect spillage.  
 P381: Eliminate all ignition sources if safe to do so.

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235: Store in a well-ventilated place. Keep cool.  
 P410: Protect from sunlight.  
 P405: Store locked up.

### Disposal:

P501: Dispose of contents/container according to local, regional, national, and international regulations.

## EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** DANGER! Extremely flammable liquid and vapor. Vapor may cause flash fire and explosion. Contents under pressure. Harmful or fatal if swallowed. Intentional misuse or deliberate inhalation may cause death without warning. Vapor reduces oxygen available for breathing and is heavier than air. Vapors may cause dizziness, headache, nausea, drowsiness, unconsciousness and respiratory irritation. Can cause eye and skin irritation.

## POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes severe eye irritation with redness, tearing and pain. May cause possible corneal injury.  
**SKIN:** May cause moderate skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).  
**SKIN ABSORPTION:** May be absorbed through the skin in harmful amounts.  
**INGESTION:** Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into the lungs

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may cause chemical pneumonitis, which can be fatal. Harmful or fatal if swallowed.

**INHALATION:** May cause nose or throat irritation. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

**ROUTES OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, and Skin Contact

**TARGET ORGAN STATEMENT:** Central nervous system (CNS) depression, liver, kidneys, pancreas, heart, lungs and brain. Overexposure to methanol may cause visual impairment or blindness.

**IRRITANCY:** Eyes, nose, throat, respiratory tract, and skin irritation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2-propanol	35 - 60	67-63-0
D-Limonene	25 - 50	138-86-3
Hydrocarbon Propellant	15 - 40	Mixture

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash or dispose of clothing before reuse.

**INGESTION:** Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Class IA

**GENERAL HAZARD:** Flammable liquid and vapor.

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, or fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide, Carbon Dioxide

**EXPLOSION HAZARDS:** Avoid fire, sparks, static electricity and hot surfaces. Liquid readily evaporates at room/ambient temperature. Vapors are invisible, flammable, heavier than air, and may accumulate in low areas and spread long distances. Distant ignition and flashback are possible.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear. Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

**SENSITIVE TO STATIC DISCHARGE:** Likely to catch fire from near-by spark. Static charge may accumulate by flow or agitation. Grounding and bonding of containers is required.

**SENSITIVITY TO IMPACT:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide and Carbon Dioxide may form when heated to

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decomposition.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.

**LARGE SPILL:** Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion proof mechanical means (i.e. fans). Know and prepare for spill response before using or handling this product. Eliminate all ignition sources (flames, hot surfaces, portable heaters and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. Flammable vapors may cause flash fire or ignite explosively. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition. Explosion may occur causing injury or death.

**HANDLING:** Use adequate ventilation and appropriate respiratory protection to avoid breathing vapors when cover is removed. Ground and bond all equipment when handling flammable solvent-borne material.

**STORAGE:** Keep container closed when not in use. Store in a dry, well ventilated area, out of the sun and away from ignition sources. Do not remove or deface label. Prevent water or moist air from entering container.

**STORAGE TEMPERATURE:** 15.5°C (60°F) Minimum to 35°C (95°F) Maximum

**SHELF LIFE:** 1 year from manufacture date

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-propanol	<b>TWA</b>	400 ppm	980 mg/m <sup>3</sup>	200 ppm	491 mg/m <sup>3</sup>
	<b>STEL</b>	NL [1]	NL [1]	400 ppm	983 mg/m <sup>3</sup>
D-Limonene	<b>TWA</b>	NL [1]	NL [1]	NL [1]	NL [1]
	<b>STEL</b>	NL [1]	NL [1]	NL [1]	NL [1]
Hydrocarbon Propellant	<b>TWA</b>	1000 ppm	1800 mg/m <sup>3</sup>	800 ppm	NL
	<b>STEL</b>	NL [1]	NL [1]	NL [1]	NL [1]
<b>Footnotes:</b> 1. NL = Not Listed					

**ENGINEERING CONTROLS:** Provide sufficient explosion proof mechanical (general and/or local exhaust) ventilation to maintain exposure below the occupational exposure limit and exposure concentration.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) or a full face respirator.

**SKIN:** Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact. Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.

**RESPIRATORY:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**PROTECTIVE CLOTHING:** Wear chemical resistant gloves, such as butyl rubber.

**WORK HYGIENIC PRACTICES:** Use good hygiene practices when handling this material. Wash hands thoroughly after use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Aerosol

**ODOR:** Solvent-like

**ODOR THRESHOLD:** Not Determined

**COLOR:** Clear

**pH:** Not Determined

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**PERCENT VOLATILE:** 100

**Notes:** by weight

**FLASHPOINT AND METHOD:** -104°C (-156°F)

**FLAMMABLE LIMITS:** 2.1 to 9.5

**AUTOIGNITION TEMPERATURE:** (458°F) to (841.7°F)

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** Not Determined

**BOILING POINT:** -25°C (-12°F) to -41.8°C (-43.2°F)

**FREEZING POINT:** Not Determined

**MELTING POINT:** Not Determined

**POUR POINT:** Not Determined

**SOLUBILITY IN WATER:** Not Determined

**EVAPORATION RATE:** > 1.0 (n-Butyl Acetate=1)

**DENSITY:** 6.12 lbs/gal

**PARTICLE SIZE:** Not Determined

**SPECIFIC GRAVITY:** 0.73

**VISCOSITY:** Not Determined

**MOLECULAR WEIGHT:** Not Determined

**(VOC):** 734.000 gr/L EPA Method 24 VOC

**Notes:** Photochemically Reactive Only VOC: 734.0 gr/L

**COEFF. OIL/WATER:** Not Determined

**OXIDIZING PROPERTIES:** Not Determined

**COMMENTS:** 0 lb VHAP/lb Solid  
0% by weight HAP

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable.

**POLYMERIZATION:** Product will not undergo polymerization.

**CONDITIONS TO AVOID:** Avoid heat, flames, sparks, static electricity and other sources of ignition.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide may form when heated to decomposition.

**INCOMPATIBLE MATERIALS:** Avoid contact with peroxides, oxidizing agents such as nitric acid, perchloric acid, chromium trioxide, chlorosulfonic acid, silica gel, alumina, and strong acids or amines.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE**

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Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
2-propanol	5045 mg/kg	5030 to 7900 mg/kg	16000 ppm (4-hr dose)
D-Limonene	> 5000 mg/kg	> 5000 mg/kg	No data
Hydrocarbon Propellant	No data	No data	No data

### CARCINOGENICITY

Chemical Name	IARC Status
2-propanol	3

**IRRITATION:** Eyes, nose, throat, respiratory tract irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This product contains components that will normally float on water. These components may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

**ECOTOXICOLOGICAL INFORMATION:** Contains components that are potentially toxic to freshwater and saltwater ecosystems.

**BIOACCUMULATION/ACCUMULATION:** Contains components with the potential to bio-accumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Liquefied Gas, Flammable, N.O.S.

**PRIMARY HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** 3161

**PACKING GROUP:** NA

**NAERG:** 115

**MARINE POLLUTANT #1:** None

**OTHER SHIPPING INFORMATION:** contains (Propane, n-Butane, Isopropyl Alcohol)

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

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Flammable  
Gas

### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** Yes **PRESSURE GENERATING:** Yes **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
2-propanol	35 - 60	67-63-0

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
2-propanol	67-63-0
D-Limonene	138-86-3
Hydrocarbon Propellant	Mixture

### STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
2-propanol	New Jersey Right to Know List Pennsylvania Right to Know List
D-Limonene	New Jersey Right to Know List
Hydrocarbon Propellant	New Jersey Right to Know List Pennsylvania Right to Know List

### CANADA

#### WHMIS HAZARD SYMBOL AND CLASSIFICATION



Compressed  
Gas



Toxic



Flammable  
Gas

### 16. OTHER INFORMATION

**INFORMATION CONTACT:** (781) 878-7015

**REVISION SUMMARY:** This MSDS replaces the 11/11/2014 MSDS. Revised: **Section 1:** Date Issued.



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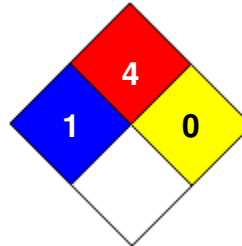
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### HMIS RATING

<b>HEALTH</b>	*	<b>1</b>
<b>FLAMMABILITY</b>		<b>4</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

### NFPA CODES



**GENERAL STATEMENTS:** Keep out of reach of children  
 For professional or industrial use only

**MANUFACTURER DISCLAIMER:** This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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