

Product Code: WP-13A  
 Product Name: TWP-206 RUSSETT BROWN-1

AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069

24-hour Emergency Phone: 1-800-424-9300

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(See top of page)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
ISOPHTHALIC LONG OIL ALKYD	67774-58-8	
METAL SOAP/FUEL ADDITIVE	MIXTURE	4
GOLGEN BROWN IRON OXIDE		
MICROCRYSTALLINE WAX		
SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC	64742-88-7	1
OSHA PEL: 500PPM, ACGIH TLV: 100PPM		
FOLPET	133-07-3	1.05516
XYLENE	1330-20-7	.18242
OSHA PEL: 100PPM, ACGIH TLV: 100PPM		
COBALT DRIER 12%	7440-048-4	.05649
ETHYL BENZENE	100-41-4	.04166
TLV-TWA 100PPM, PEL-TWA 100 PPM, TLV-STEL 125 PPM 15 MINUTES		
ORAL-LD50 3500 mg/Kg RAT		

### 3. HAZARDS IDENTIFICATION

This product is classified as hazardous under OSHA regulations. COMBUSTIBLE liquid and vapors. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger

#### Potential Health Effects

##### EYE:

Direct contact with this material may cause eye irritation including tearing and redness. Vapors may cause eye irritation.

##### SKIN:

REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND ALLERGIC DERMATITIS.

##### INGESTION:

INGESTION OF PRODUCT MAY RESULT IN VOMITING, ASPIRATION (BREATHING) OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION PNEUMONITIS.

Product Code: WP-13A  
Product Name: TWP-206 RUSSETT BROWN-1

AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069

24-hour Emergency Phone: 1-800-424-9300

**INHALATION:**

VAPORS OR SPRAY MIST MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT. HIGH VAPOR CONCENTRATIONS MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION. SYMPTOMS INCLUDE HEADACHE, DIZZINESS AND NAUSEA. SOLVENT "HUFFING/SNIFFING" (ABUSE) OR INTENTIONAL PROLONGED OVEREXPOSURE TO HIGH LEVELS OF VAPORS CAN PRODUCE ABNORMAL BEHAVIOR, CONVULSIONS, HALLUCINATIONS, DELIRIUM, NERVOUS SYSTEM DAMAGE, SERIOUS DISTURBANCES OF HEART RHYTHM AND SUDDEN DEATH. PROLONGED OR REPEATED EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.

**4. FIRST AID MEASURES****EYES:**

FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. SEE A PHYSICIAN IF IRRITATION PERSISTS.

**SKIN:**

REMOVE CONTAMINATED CLOTHING IMMEDIATELY. WASH SKIN WITH MILD SOAP AND WATER FOR 15 MINUTES. SEE PHYSICIAN IF IRRITATION PERSISTS.

**INGESTION:**

DRINK 1-2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY. NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.

**INHALATION:**

MOVE SUBJECT TO FRESH AIR. RESTORE BREATHING IF NECESSARY. TREAT SYMPTOMATICALLY AND CONSULT PHYSICIAN IMMEDIATELY.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:**

FLASH POINT: 72 F

Method: TCC

**FLAMMABLE LIMITS:**

Lower flammable limit: 1

Upper flammable limit: 7

AUTOIGNITION TEMPERATURE: 230 DEG C / 450 DEG F

**HAZARDOUS COMBUSTION PRODUCTS:**

FORMATION OF TOXIC GASES AND/OR IGNITABLE VAPORS IS POSSIBLE DURING HEATING OR IN CASE OF FIRE.

Product Code: WP-13A  
Product Name: TWP-206 RUSSETT BROWN-1

AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069

24-hour Emergency Phone: 1-800-424-9300

**EXTINGUISHING MEDIA:**

FOAM, CO2, DRY CHEMICAL, WATER FOG

**FIREFIGHTING INSTRUCTIONS:**

WEAR A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE-PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:**

STOP SPILL AT SOURCE. ELIMINATE ALL IGNITION SOURCES (FLARES, OPEN FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). USE ONLY NON SPARKING TOOLS FOR CLEAN UP. SUPPLY ADEQUATE VENTILATION. AVOID BREATHING OF VAPORS, USE RESPIRATOR. CONTAIN AND REMOVE WITH INERT ABSORBENT.

**LARGE SPILL:**

AVOID CONTACT WITH SPILLED OR RELEASED MATERIAL. SHUT OFF LEAKS IF POSSIBLE WITHOUT PERSONAL RISKS. REMOVE ALL SOURCES OF IGNITION. PREVENT SPREADING BY USING SAND, EARTH OR OTHER APPROPRIATE BARRIERS. REMOVE WITH INERT ABSORBENT. USE ONLY NON SPARKING TOOLS FOR CLEANUP.

**7. HANDLING AND STORAGE****HANDLING:**

RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY STORED OR DISCARDED. IMMEDIATELY AFTER USE, PLACE CONTAMINATED ITEMS IN A SEALED WATER FILLED METAL CONTAINER.

**STORAGE:**

KEEP ALL CONTAINERS SEALED TIGHT AND IN AN UPRIGHT POSITION TO PREVENT LEAKS. STORE CONTAINERS OUT OF SUN AND AWAY FROM ALL HEAT SOURCES. THIS MATERIAL SHOULD BE GROUNDED WHEN POURING. DO NOT STORE NEAR HEAT, SPARKS OR OPEN FLAME.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS:**

THE LEVEL OF PROTECTION AND TYPES OF CONTROLS NECESSARY WILL VARY DEPENDING UPON POTENTIAL EXPOSURE CONDITIONS. SELECT CONTROLS BASED ON A RISK ASSESSMENT OF LOCAL CIRCUMSTANCES.

Product Code: WP-13A  
Product Name: TWP-206 RUSSETT BROWN-1

AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069

24-hour Emergency Phone: 1-800-424-9300

**RESPIRATORY PROTECTION:**

DO NOT BREATHE VAPOR OR MIST. APPLY IN A WELL VENTILATED AREA.

**SKIN PROTECTION:**

IMPERMEABLE CHEMICAL RESISTANT GLOVES SUCH AS NEOPRENE COATED GLOVES.

**EYE PROTECTION:**

USE SAFETY EYE WARE WITH SIDE-SHIELDS TO PROTECT AGAINST CHEMICAL SPLASH OF LIQUIDS.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: 136  
MELTING POINT: UNDETERMINED  
VAPOR PRESSURE: 230 DEG C / 446 DEG F  
VAPOR DENSITY: HEAVIER THAN AIR  
SOLUBILITY IN WATER: INSOLUBLE  
SPECIFIC GRAVITY: .9033  
pH: N/A  
ODOR: CHARACTERISTIC  
APPEARANCE: ACCORDING TO PRODUCT SPECIFICATIONS

**10. STABILITY AND REACTIVITY**

CHEMICAL STABILITY (CONDITIONS TO AVOID): STABLE  
  
INCOMPATIBILITY: OXIDIZING AGENTS  
  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN  
  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

**11. TOXICOLOGICAL INFORMATION**

AVAILABLE DATA:  
NO EXPERIMENTAL DATA AVAILABLE.

**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:**

THIS PRODUCT IS TOXIC TO FISH. DO NOT APPLY DIRECTLY TO WATER, OR AREAS WHERE SURFACE WATER IS PRESENT OR TO INTERTIDAL AREAS BELOW THE MEAN HIGH WATER MARK. DO NOT CONTAMINATE WATER WITH CLEANING EQUIPMENT OR DISPOSING OF EQUIPMENT WASHWATERS.

Product Code: WP-13A  
Product Name: TWP-206 RUSSETT BROWN-1

AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069  
24-hour Emergency Phone: 1-800-424-9300

### **13. DISPOSAL CONSIDERATIONS**

DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS. LOCAL REGULATIONS MAY BE MORE STRINGENT AND MUST BE COMPLIED WITH.

### **14. TRANSPORT INFORMATION(Not meant to be all inclusive)**

COMBUSTIBLE LIQUID NOS, NA 1993, PG.III EMG GUIDE #128

### **15. REGULATORY INFORMATION(Not meant to be all inclusive - selected regulations represented)**

#### **U.S. FEDERAL REGULATIONS: UNKNOWN**

XYLENE: CAA - HAZARDOUS AIR POLLUTANT    ACGIH - CARCINOGEN

#### **SECTION 313:**

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

#### **INTERNATIONAL REGULATIONS:**

##### **CANADIAN WHMIS:**

B3-COMBUSTIBLE LIQUID

#### **STATE REGULATIONS:**

CALIFORNIA: One or more components of this product is listed on California Prop 65

XYLENE: MASSACHUSETTES, NEW JERSEY, PENNSYLVANIA

### **16. OTHER INFORMATION**

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, AMTECO, INC. DOES NOT ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER.