

# **Material Safety Data Sheet**

**Revision date:** 03/22/2010  
**Product name:** PARFIX 1155

## **1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** PARFIX 1155 Activator  
**Product type:** Accelerator  
**Region:** United States  
**Company address: Contact information:**  
Parson Adhesives, Inc  
Rochester, MI 48309 USA  
Emergency telephone: Chemtrec: 1-800-262-8200

## **2. HAZARDS IDENTIFICATION**

### **EMERGENCY OVERVIEW**

#### **HMIS:**

**Physical state:** Liquid  
**Color:** Clear, to, Amber  
**Odor:** Acetone

**HEALTH:** \*2  
**FLAMMABILITY:** 3  
**PHYSICAL HAZARD:** 0

**Personal Protection:** See MSDS Section 8  
**DANGER:** EXTREMELY FLAMMABLE.  
**CAUSES EYE IRRITATION.**  
**VAPOR MAY CAUSE FLASH FIRE.**  
**ASPIRATION HAZARD IF SWALLOWED.**  
**MAY CAUSE SKIN IRRITATION.**  
**MAY CAUSE RESPIRATORY TRACT IRRITATION.**

**Relevant routes of exposure:** Skin, Inhalation, Eyes

#### **Potential Health Effects**

**Inhalation:** May cause respiratory tract irritation. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

**Skin contact:** May cause irritation due to defatting of the skin. Redness. Burns. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

**Eye contact:** Causes eye irritation. Exposure to vapor may cause tearing of the eyes, irritation and burning sensation.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

#### **Existing conditions aggravated by exposure:**

Liver disorders. Kidney disorders. Lung disorders. This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**See Section 11 for additional toxicological information.**

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Hazardous components</b>	<b>CAS NUMBER</b>	<b>%</b>
Acetone	67-64-1	99
Benzenamine, N,N,4-trimethyl-	99-97-8	1

#### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**Skin contact:** Remove contaminated clothing and footwear. Wash with soap and water. Wash clothing before reuse. If symptoms develop and persist, get medical attention.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Keep individual calm. Get immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

**Flash point:** -17 °C (1.4 °F) Tagliabue closed cup

**Autoignition temperature:** Not available

**Flammable/Explosive limits - lower:** 2.8 %

**Flammable/Explosive limits - upper:** 12.8 %

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Use water spray to keep fire exposed containers cool and disperse vapors.

**Unusual fire or explosion hazards:** Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen.

#### 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:** Remove all sources of ignition. Vapors are heavier than air and may travel along the ground or be moved by ventilation and subsequently ignited by heat, pilot lights or other ignition sources at locations distant from the material handling point. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed metal container until ready for disposal.

#### 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.

**Storage:** Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous components ACGIH TLV OSHA PEL AIHA WEEL OTHER**

Acetone 500 ppm TWA 750 ppm STEL 1,000 ppm (2,400 mg/m<sup>3</sup>) TWA None

Benzenamine, N,N,4-trimethyl- None None 0.5 ppm TWA None

**Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

**Eye/face protection:** Goggles. Safety glasses with side-shields.

**Skin protection:** Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Clear, to, Amber  
**Odor:** Acetone  
**Odor threshold:** Not available  
**pH:** not applicable  
**Vapor pressure:** 185 mm hg (20 °C (68°F)) Approximately  
**Boiling point/range:** 57 °C (134.6 °F)  
**Melting point/ range:** Not available  
**Specific gravity:** 0.7926  
**Vapor density:** 2 Approximately  
**Flash point:** -17 °C (1.4 °F) Tagliabue closed cup  
**Flammable/Explosive limits - lower:** 2.8 %  
**Flammable/Explosive limits - upper:** 12.8 %  
**Autoignition temperature:** Not available  
**Evaporation rate:** 1.9 (Ether = 1)  
**Solubility in water:** Soluble  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** 1.02 %; 80 g/l

## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Hazardous reactions:** Will not occur.  
**Hazardous decomposition products:** Not available  
**Incompatible materials:** Strong oxidizing agents.  
**Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

## 11. TOXICOLOGICAL INFORMATION

### Hazardous components

	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Acetone	No	No	No
Benzenamine, N,N,4-trimethyl-	No	No	No

### Hazardous components Health Effects/Target Organs

Acetone Blood, Central nervous system, Irritant, Reproductive Benzenamine, N,N,4-trimethyl-  
Mutagen, Allergen

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

**Hazardous waste number:** D001: Ignitable.

## 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR)**

**Proper shipping name:** Acetone solution

**Hazard class or division:** 2

**Identification number:** UN 1090

**Packing group:** II

**DOT Reportable quantity:** Acetone

**Exceptions:** Consumer Commodity, ORM-D,

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Acetone solution

**Hazard class or division:** 2

**Identification number:** UN 1090

**Packing group:** II

**Exceptions:** Qualify as Consumer Commodity, ID8000

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** ACETONE solution

**Hazard class or division:** 2

**Identification number:** UN 1090

**Packing group:** II

**15. REGULATORY INFORMATION**

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12(b) Export Notification:** None above reporting de minimus

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus

**CERCLA/SARA Section 311/312:** Fire, Immediate Health, Delayed Health

**CERCLA/SARA 313:** None above reporting de minimus

**CERCLA Reportable quantity:** Acetone (CAS# 67-64-1) 5,000 lbs. (2,270 kg)

**Canada Regulatory Information**

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

**WHMIS hazard class:** B.2, D.2.A, D.2.B

**16. OTHER INFORMATION**

**This material safety data sheet contains changes from the previous version in sections: 2**

The information contained within this MSDS applies only to the Parson's product to which the sheet relates. The information provided is based on our best knowledge at the time of issue.

The information contained within this MSDS is believed to be accurate and is given in good faith. However, no warranty is made, either expressed or implied, regarding its accuracy or any liability arising out of the use of the information herein or the product supplied.

When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classifications of the hazards have changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purpose other than that for which it was recommended. In such cases, a reassessment may be necessary and should be made by the user. This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.

It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way. They should check the adequacy of the information provided within this MSDS before passing it on to their customers/staff.