

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### WEATHERSTRIP ADHESIVE YELLOW

**Synonyms:**

28027 JEGS PERFORMANCE WEATHERSTRIP ADHESIVE YELLOW

**Company Identification**

JEGS Automotive Inc. 101 Jegs Place Delaware, OH 43015

PHONE: 1-800-345-4545 WEBSITE: [www.jegs.com](http://www.jegs.com)

**CAS Registry Number** Not Applicable  
**Synonyms** Not Applicable  
**Generic/Chemical Name** Not Applicable  
**Product Type** Yellow Weatherstrip Adhesive  
**Preparation Date** 08/25/11

**Transportation Emergency Response**

[www.jegs.com/msds](http://www.jegs.com/msds)

**Product Information**

Product Information and MSDS Requests: 1-800-345-4545

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENTS                | CAS NUMBER | AMOUNT        | ACGIH TLV   | PEL          | STEL         |
|---------------------------|------------|---------------|-------------|--------------|--------------|
| Toluene                   | 108-88-3   | 20.1% weight  | 50 ppm skin | 100 ppm skin | 150 ppm skin |
| Methyl Ethyl Ketone (MEK) | 78-93-3    | 18.62% weight |             |              |              |
| 2-Propanone               | 67-64-1    | 18.25% weight | 500 ppm     | 1000 ppm     | 750 ppm      |
| Hexane                    | 110-54-3   | 14.24% weight | 50 ppm      | 500 ppm      | 1000 ppm     |

## 3. HAZARD IDENTIFICATION

**Hazard Descriptions**

Harmful

Flammable

**Information Pertaining to Particular Danger for Man and Environment**

Highly flammable.

Harmful by inhalation.

Irritating to eyes.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Possible risk of impaired fertility.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

## 4. FIRST AID MEASURES

**General Information**

Symptoms of poisoning may occur even after several hours; therefore, medical observation for at least 48 hours after accident is recommended.

**Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

**Skin Contact**

Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse.

**Inhalation**

Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek medical attention.

**Ingestion**

DO NOT INDUCE VOMITING. Seek immediate medical attention.

**5. FIRE FIGHTING MEASURES**

|                    |           |
|--------------------|-----------|
| <b>Flash Point</b> | -26C -15F |
| <b>LEL</b>         | 1.2       |
| <b>UEL</b>         | 13        |

**Extinguishing Media**

Carbon dioxide, sand, extinguishing powder. Do not use water.

**Unsuitable Extinguishing Media**

Water and water with full jet.

**Special Fire Fighting Procedures**

Fire fighters should wear full protective clothing including self contained breathing apparatus.

**6. ACCIDENTAL RELEASE INFORMATION****Steps to be taken in case of spill or release**

Wear protective clothing.

Keep unprotected persons away.

Do not allow to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste in accordance with federal, state and local regulations.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents.

**7. HANDLING AND STORAGE****Handling**

Prevent formation of aerosols.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**Storage**

Store in a cool location away from direct heat.

Store as a flammable liquid.

Keep receptacle tightly sealed.

Store in a cool, dry conditions in well sealed receptacles.

**8. EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT****Component Exposure Limits**

Toluene (108-88-3)

PEL - Short term value: 500 ppm (10-min peak/8-hr shift) Long term value: 200 ppm

REL - Short term value: 150 ppm Long term value: 100 ppm

TLV - 50 ppm Skin; BEI

Methyl ethyl ketone (78-93-3)

PEL - 200 ppm

REL - Short term value: 300 ppm Long term value: 200 ppm

TLV - Short term value: 300 ppm Long term value: 200 ppm BEI

Acetone (67-64-1)

PEL - 1,000 ppm

REL - 250 ppm

TLV - Short term value: 750 ppm Long term value: 500 ppm BEI

Hexane (110-54-3)

PEL - 500 ppm

REL - 50 ppm

TLV - 50 ppm Skin; BEI

### **General Protective and Hygienic Measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

### **Eye Protection**

Safety goggles or glasses with side shields are recommended.

### **Skin Protection**

Chemical protective gloves are recommended. Wash at mealtimes and end of shift.

### **Other Protective Equipment**

To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

### **Respiratory Protection**

In the absence of adequate ventilation, NIOSH-certified respiratory protection for organic vapor should be used as necessary. In case of intensive or prolonged exposure, use respiratory protective device that is independent of circulating air.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Physical State</b>         | Liquid                         |
| <b>Specific Gravity</b>       | 0.879                          |
| <b>Density lbs/Gal.</b>       | 7.32                           |
| <b>Color/Appearance</b>       | Yellow                         |
| <b>Odor</b>                   | Characteristic odor            |
| <b>Boiling/Cond. Point</b>    | 55C 131F                       |
| <b>Melting/Freezing Point</b> | Not determined                 |
| <b>Solubility</b>             | Immiscible or difficult to mix |
| <b>VOC %</b>                  | 3.73 lb/gal                    |
| <b>Percent Volatile</b>       | 69.9%                          |
| <b>Vapor Pressure</b>         | 175 mm Hg                      |

### **Note**

The above information is not intended for use in preparing product specifications. Contact JEGS Automotive Inc. before writing specifications.

## **10. STABILITY AND REACTIVITY**

### **Conditions to be Avoided**

Keep away from extreme heat, sparks, and open flames.

### **Dangerous Reactions**

Strong oxidizers, acids and bases

### **Dangerous Products of Decomposition**

Oxides of carbon, nitrogen and hydrocarbons, hydrogen chloride (thermal degradation products)

## 11. TOXICOLOGICAL INFORMATION

### Primary Irritant Effect

On the Skin:

Irritant to skin and mucous membranes

On the Eye:

Irritating effect

### Sensitization

Sensitizing effect through inhalation is possible with prolonged exposure.

### Acute Toxicity

LD/LC50 values that are relevant for classification:

Toluene (108-88-3)

Oral LC50 5,000 mg/kg (rat)

Dermal LD50 12,124 mg/kg (rabbit)

Inhalation LC50/4 h 5,320 mg/L (mouse)

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity Effects

Harmful to fish

### Environmental Effects

Water Hazard Class 2: Hazardous to water

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small amounts leak into the ground.

Harmful to aquatic organisms

## 13. DISPOSAL INFORMATION

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

### Waste Disposal Method

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal, including empty/used containers, must be made according to local, state and federal regulations.

## 14. TRANSPORTATION INFORMATION

### DOT Road Shipment Information

Hazard Class: 3

Identification Number: UN1133

Packing Group: II

Exemptions: Single Unit less than or equal to 1 liter

Proper Shipping Name: Consumer Commodity, ORM-D

Label: ORM-D (Adhesives).

## 15. REGULATORY INFORMATION

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### TSCA Status

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

### SARA Title III Section 304 CERCLA Hazardous Substances

Acetone (67-64-1)

Hexane (110-54-3)  
Methyl ethyl ketone (78-93-3)  
Toluene (108-88-3)

**SARA Title III Section 313 Toxic Chemicals**

Hexane (110-54-3)  
Methyl ethyl ketone (78-93-3)  
Toluene (108-88-3)

**Carcinogenicity**

EPA (Environmental Protection Agency)  
Toluene (108-88-3) D  
Methyl ethyl Kketone (78-93-3) D  
Acetone (67-64-1) D

IARC (International Agency for Research on Cancer)  
Toluene (108-88-3) 3

NTP (National Toxicology Program)  
None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)  
Toluene (108-88-3) A4  
Acetone (67-64-1) A4

NIOSH-Ca (National Institute for Occupational Safety and Health)  
None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)  
None of the ingredients is listed.

**California Proposition 65**

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

Toluene (108-88-3) Teratogen

**New Jersey**

Acetone (67-64-1)  
Hexane (110-54-3)  
Methyl ethyl ketone (78-93-3)  
Toluene (108-88-3)

**Pennsylvania**

Acetone (67-64-1)  
Hexane (110-54-3)  
Methyl ethyl ketone (78-93-3)  
Toluene (108-88-3)

**Canadian Inventory Status**

All components are listed on or exempt from listing on the Canadian Domestic Substances List.

**16. DISCLAIMER**

The data contained herein is based upon information that JEGS Automotive Inc. believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.