



**IDENTIFICATION**

**PRODUCT NAME:**

**IMTECH STR PVC CEMENT**

Material Use:

Use for cold vulcanization of PVC products

Date of MSDS:

06/02/2010

**SUPPLIER INFORMATION**

Supplier:

IMTECH Rubber Products, Inc.

Address:

1355 West Main Street

Elko, NV 89801

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**EMERGENCY TELEPHONE NO:**

**800-255-3924**

**MATERIAL SAFETY DATA SHEET**

**SECTION 01: PRODUCT INFORMATION**

Trade Name:

IMTECH STR 2100 PVC CEMENT

Material Use:

Use for cold vulcanization of PVC products

**SECTION 02: CHEMICAL COMPOSITION**

Chemical Name	CAS Number	%	EC Number	UN Number	UINECS Number
Butanon (Methyl ethyl ketone)	78-93-3	78%	606-002-00-03	1193	2011590
Polyurethane	9068-94-4 108-88-3	20.5%	601-021-00-3		

Other: Resins

**SECTION 03: HAZARDS IDENTIFICATION**

Critical hazards:

Highly flammable. Irritating to eyes and respiratory system.

**SECTION 04: FIRST AID MEASURES**

If the patient is likely to become unconscious, place and transport in stable sideways position.

INHALATION:

Remove to fresh air. If breathing is difficult or other symptoms persist, get medical attention.

SKIN CONTACT:

Remove contaminated clothing. Wash affected area with plenty of water and soap, use lotion. Seek medical attention if irritation occurs or persists.

EYE CONTACT:

In case of eye contact, immediately flush eyes with large amounts of water until irritation subsides. Get medical attention preferably by an eye specialist.

INGESTION:

If swallowed, allow water to be drunk. Do not induce vomiting. Get medical attention immediately.

**SECTION 05: FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA:

Water mist, foam, carbon dioxide, dry powder, dry sand.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:

Ensure adequate ventilation. Keep away sources of ignition.

SPILL RESPONSE:

Collect liquid in an appropriate container or absorb with an inert material (for example, sand earth, vermiculite, chemical binder based on calcium silicate hydrate) and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer!

**SECTION 07: HANDLING AND STORAGE**

## HANDLING REQUIREMENTS:

Provide good room ventilation

Remove all sources of ignition, do not smoke. Keep away from sources of heat and ignition.

## STORAGE REQUIREMENTS:

Store in a cool and dry place. Keep container in a well-ventilated area.

## USE INSTRUCTIONS:

During use, ensure efficient exhaust ventilation in the work area.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

## TYPE AND ORIGIN:

MAK Maximum work place concentration

## CAS NUMBER

78-93-3

## MARKINGS

2- Butanon

## LIMIT VALUE

200 ml/m<sup>3</sup>, 590 mg/m<sup>3</sup>

## EXTREME VALUE LIMIT CATEGORY

II, I

## TERATOGENIC (HARMFUL EFFECTS ON DEVELOPMENT) RE:

## MATC GROUP

D

## PERSONAL PROTECTIVE EQUIPMENT

General protective measures.

Do not inhale vapors.

Wash hands before breaks and after work.

Remove soiled or soaked clothing immediately. Do not eat, drink or smoke while using product.

## RESPIRATORY PROTECTION:

Respiratory protection required at inadequately ventilated workplaces or in cases of prolonged exposure.

## HAND PROTECTION:

Wear solvent resistant rubber gloves.

## EYE PROTECTION:

Wear tight fitting safety goggles.

## BODY PROTECTION

Wear protective clothing, as appropriate, to prevent skin contact.

**SECTION 09: PHYSICAL AND CHEMICAL CHARACTERISTICS**

## PHYSICAL STATE:

Liquid

## APPEARANCE:

Transparent

## ODOR:

Characteristic

## DENSITY:

Approx. 0.84049 g/cm<sup>3</sup> @ 20°C

## FLASH POINT:

-14° C

## IGNITION TEMPERATURE:

514° C

## MELTING POINT:

-87° C

## BOILING RANGE:

75 to 85° C at 1013 hPa

## LOWER EXPLOSION LIMIT:

1.8% volume

## UPPER EXPLOSION LIMIT:

11.5% volume

## VAPOR PRESSURE:

Approx. 32.4 mbar @ 0° C

## SOLUBILITY IN WATER:

292 G/L AT 20° C

## SOLUBILITY/QUALITATIVE

Soluble in most organic solvents

**SECTION 10: STABILITY AND REACTIVITY**

## THERMAL DECOMPOSITION:

At normal pressure may be distilled without decomposition.

Formation of explosive gas/air mixtures.

## HAZARDOUS REACTIONS:

**SECTION 11: TOXICOLOGICAL PROPERTIES**

## ACUTE ORAL TOXICITY (LD50)

2737 mg/kg

## SPECIES:

Rat

## SOURCE:

RTECS

## ACUTE INHALATION TOXICITY (LC50)

40 mg/l

## DURATION OF EXPOSURE

2 hours



SPECIES: Mouse  
SOURCE: RTECS  
IRRITANT EFFECT ON SKIN Irritant  
DURATION OF EXPOSURE 24 hours  
SPECIES: Rabbit  
SOURCE: RTECS  
REMARKS Solvent removes oil from the skin. Solvent vapors have a narcotic effect if inhaled in high concentrations. Irritates the respiratory organs.

**SECTION 12: ECOLOGICAL INFORMATION**  
REMARKS

Because of harmful effects on water organisms, this product should not be introduced into drains.

**SECTION 13: DISPOSAL CONSIDERATION**  
WASTE DISPOSAL:

In accordance with regulations for special waste, must be taken to an authorized special waste incineration plant.

**SECTION 14: TRANSPORTATION INFORMATION**  
**ROAD TRANSPORT**

ADR 3/3 b  
GGVS 3/3 b  
RID 3/3 b  
GGVE 3/3 b  
PRODUCT CHARACTERISTIC OF THE SOLVENT Methylethylketone  
HAZARD NUMBER 33  
SUBSTANCE NUMBER 1133

**MARINE TRANSPORT**

IMDG CODE 3.2/1133/I I  
EmS 3-05  
MFAG 330  
CORRECT TECHNICAL NAME Ethyl Methyl Ketone

**AIR TRANSPORT**

ICAO/IATA-DGR 3/1133/I I  
CORRECT TECHNICAL NAME Ethyl Methyl Ketone

**SECTION 15: REGULATORY INFORMATION**

**HMIS CLASSIFICATION:**

HAZARD SYMBOLS F Highly Flammable  
Xi Irritant

**R PHRASES**

11 Highly flammable  
36/37 Irritating to eyes and respiratory system

**S PHRASES**

9 Keep container in a well-ventilated place.  
16 Keep away from sources of ignition... No Smoking.  
25 Avoid contact with eyes  
33 Take precautionary measures against static discharges.



**SECTION 16: OTHER INFORMATION**

The regulatory information given above only indicates the principal regulation specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

Suitable precautionary measures must be taken to ensure that the applicable exposure limits are met in the working area and impairment of health is avoided. Required industrial safety measures, including effective ventilation and exhaust ventilation in the working area must comply with the existing accident prevention rules.

All components of this product are listed in the European Inventory of Existing Commercial Substances (EINECS) under the provisions laid down in the corresponding EEC-Directive.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Our technical advice – whether verbal, in writing or by the way of trials – is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses.

The applications, use and processing of the products are beyond our control, and therefore, entirely your own responsibility. If, in spite of this, liability should be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

PREPARED BY:

IMTECH Rubber Products, Inc.  
1355 West Main Street  
Elko, NV 89801

TELEPHONE NUMBER:

800-738-0308

DISCLAIMER:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.