

Material Safety Data Sheet

Section 1 、 Identification

Product Name : Screw Lock Agent

Product Number : BB-2100 (BB-2020 、 BB-2007)

Supplier's Name : SUNNICO CORPORATION

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Section 2 、 Hazards Identification

Product hazard class : *Flammable Liquid (Class 3)*

Label content :

1. GHS Symbol :



Highly Flammable



Health Hazard



Irritant

2. GHS Signal Word : *Dangerous*

3. Hazard of Warning Information :

Highly inflammable liquid.

Vapor may cause severe eye irritation.

Susceptible harm to fetus and reproduction.

Long term exposure may cause blindness.

4. Hazard of avoid measures :

Place in a well-ventilated area.

Keep material away from sparks, flames, and other ignition sources.

Smoking is prohibited.

Wear appropriate personal protective equipment.

Prevent chronic exposure.

Others hazards : None

Section 3 、 Composition/Information on Ingredients

Pure material

Chinese and English name : Screw Lock Agent

Synonyms : PVAC Based Adhesive

Chemical Abstract Service No.(CAS NO.) :

The hazardous ingredient(% of the content) :

Mixture

Chemical properties :

Chinese and English names of the

Concentration or concentration ranges

CAS No.

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hazardous ingredients	(Wt%)	
Methyl Alcohol	55~65	67-56-1
Poly(Vinyl Acetate)	35~45	9003-20-7

Section 4 、First-aid Measures

The first aid measures for different exposure routes :
➤ Inhalation : 1. Immediately move to fresh air place.
➤ 2. Immediately seek medical treatment.
➤ Skin contact : 1. Flush with water for at least 15 minutes.
➤ 2. Remove contaminated clothes, shoes, etc when flushing.
➤ 3. Immediately seek medical treatment.
➤ Eye contact : 1. Flush eyes with water for at least 20 minutes.
➤ 2. Immediately consult eye physician.
➤ Ingestion : 1. Immediately seek medical treatment.
➤ 2. Tip the body's side to avoid in danger of inhalation when vomiting.
The most important symptoms and hazardous effects : Coma
The protection of first-aiders : Wear protective suit before doing medical treatment.
Notes to physicians : None

Section 5 、Fire Fighting Measures

Suitable fire extinguishing media : Dry powder, CO₂, Foam
Specific hazards may be encountered during fire-fighting : Note that the barrels may have exploded.
Specific fire-fighting methods : 1. Extinguish fire on the windward place.
2. Evacuate people.
3. Cannot enter without protective equipment.
Special equipment for the protection of firefighters : Wear air respirator with normal equipment.

Section 6 、Accidental Release Measures

Personal precautions : Evacuate people and clean by professional staffs.
Environmental precautions : 1. Remove sources of ignition.
2. Open windows and doors. Do not switch power supply.
Methods for cleaning up : 1. Avoid the spill flow into drainage.
2. Absorb with dry sand, soil, sawdust, cloth, etc.
3. Clean up and hand over to the development in charge.

Section 7 、Handling And Storage

Handling :
Do not handle near fire, static electricity, sparks or other sources of ignition.
Storage :

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1. Stored in a cool dry well-ventilated area away from ignition sources.
2. Storage should be marked warning sign.
3. Regular checks on vessel.
4. Storage should be isolated.

Section 8 、Exposure Control/Personal Protection

Engineering control : None

Control parameters :

☐ 8 hours time weighted average exposure limits TWA/Short-term exposure limits STEL/Maximum exposure limits biological standards CEILING : 200ppm/250ppm/—

Personal protective equipment :

➤ Respiratory protection : Mask that prevents organic gas poisoning.

➤ Hand protection : Solvent resistant or other impervious gloves.

➤ Eye protection : Goggles or Mask

➤ Skin and body protection : Wear apron, boots, etc., as appropriate.

Do not work with short sleeve shirt.

Hygiene measures : Hands Washing after work finishing.

Section 9 、Physical And Chemical Properties

Appearance : Red, Green, Clear liquid	Odor : Alcoholic odor
Odor threshold : —	Melting point : -94.9℃
pH value : 7	Boiling point/boiling point range : <64.7℃
Flammability(solid, gas) : Solid	Flash point : 12℃
Decomposition temperature : —	Test method : Closed cup
Auto-ignition temperature : —	Explosion limits : 6~36.5%
Vapor pressure : —	Vapor density(air=1) : 1.1
Density(water=1) : 0.89	Solubility : >24.5%
Partition coefficient (n-octanol/water, log Kow) : —	Evaporation rate : —

Section 10 、Physical Hazard (Stability And Reactivity)

Stability : Stable (cool and dry area).
Possible hazardous reactions under specific conditions : Heat could be caught fire and exploded.
Conditions to avoid : Flames, High Temperature
Materials to avoid :None
Hazardous decomposition products : Acetic acid, Water, CO ₂ , CO ₁

Section 11 、Toxicological Information

Routes of exposure : Inhalation of high concentration is possibility of unconscious.
Symptoms : Dizziness

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Acute toxicity : None

Chronic toxicity or long term toxicity : None

Section 12 、 Ecological Information

Adverse effects : 1. Volatility gas harms environment.
2. Harmful to aquatic life.

Section 13 、 Disposal Considerations

Methods of waste disposal : 1. Please refer to applicable laws and regulations.
2. To be processed in accordance with the provisions of the waste storage.
3. Cremation process.

Section 14 、 Transport Information

United Nations number (UN No.) : 1133



Transport hazard class(es) : Class 3

Packing group : I

Marine pollutant (Yes/No) : No

Specific transport measures and precautionary conditions : None

Section 15 、 Regulatory Information

Applicable regulation :

Handle in accordance with all applicable laws and regulations.

Section 16 、 Other Information

Literature references		
Organization that prepared the MSDS	Name : SUNNICO CORPORATION	
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Person who prepared the MSDS	Title : Director	Name(signature) : Lawrence Kao
Date that the MSDS was prepared	2018/04/18	