

Safety Data Sheet (SDS)

Creation Date 2012/10/3

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : SEVEN RESIN
Product Code :
Company Name : SEVEN KOGYO CO., LTD.
Address : Yamayu Bldg., 2-32-6 Higashi-Nippori
Arakawa-ku Tokyo, Japan
Company Contact :
Phone Number : +81-3-3803-0421
Emergency Phone Number : +81-3-3802-3175
Recommended Use and Restriction : Adhesive for interior construction
on Use

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

Physical Hazards : Flammable solids Category 2
Pyrophoric solids Not classified
Self-heating substances and mixtures Not classified
Substances and mixtures which, in contact with water,
emit flammable gases Not classified
Oxidizing solids Not classified

Health Hazards : Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Reproductive toxicity Category 2
Specific target organ toxicity, single exposure
Category 3(narcotic effects, respiratory tract irritation)
Specific target organ toxicity, repeated exposure
Category 1 (central nervous system, peripheral
nervous system)
Specific target organ toxicity, repeated exposure
Category 2 (blood)
Aspiration hazard Not classified

Environmental Hazards : Acute toxicity to the aquatic environment Category 3
Other hazards than mentioned above are Not
applicable or Classification not possible.

GHS Label Elements
Symbols



Signal Word

: Danger

Hazard Statements

: Flammable solid (H228)
Cause skin irritation (H315)
Causes serious eye irritation (H319)
May cause respiratory irritation (H335)
May cause drowsiness or dizziness (H336)
Suspected of damaging fertility or the unborn child(H361)
Causes damage to organs (central nervous system, peripheral nervous system) through prolonged or repeated exposure (H372)
May cause damage to organs (blood) through prolonged repeated exposure (H373)
Harmful to aquatic life (H402)

Precautional Statements

Prevention Precautionary Statements : Obtain special instructions before use. (P201)
Do not handle until all safety precautions have been read and understood. (P202)
Keep away from heat/sparks/open flames/hot surfaces.
-No smoking. (P210)
Keep container tightly closed. (P233)
Ground/bond container and receiving equipment. (P240)
Use explosion-proof electrical/ventilating/lighting/equipment. (P241)
Do not breathe dust/fume/gas/mist/vapours/spray. (P260)
Avoid breathing dust/fume/gas/mist/vapours/spray. (P261)
Wash hands thoroughly after handling. (P264)
Wash eyes thoroughly after handling. (P264)
Do not eat, drink or smoke when using this product. (P270)
Use only outdoors or in a well-ventilated air. (P271)
Avoid release to the environment. (P273)
Wear protective gloves. (P280)
Wear eye protection/face protection. (P280)
Use personal protective equipment as required. (P281)
Response Precautionary Statements : If on skin : Wash with plenty of soap and water. (P302+P352)
If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304+P340)
If in eyes : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

	If exposed or concerned : Get medical advice/attention. (P308+P313) Call a POISON CENTER or doctor/physician if you feel unwell. (P312) Get medical advice/attention if you feel unwell.(P314) Specific treatment. (P321) If skin irritation occurs : Get medical advice/attention. (P332+P313) If eye irritation persists : Get medical advice/attention. (P337+P313) Take off contaminated clothing and wash before reuse. (P362) In case of fire : Use appropriate extinguishant for extinction. (P370+P378)
Storage Precautionary Statements	: Store in a well-ventilated place. Keep container tightly closed. (P403+P233) Store locked up. (P405)
Disposal Precautionary Statements	: Dispose of contents/container in accordance with local/regional/national/international regulation. (P501)
Other Hazards Which Do Not Result Classification	
Specific Hazards	: Organic solvent poisoning may be caused.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture	: Mixture
Generic Name	: Styrene-butadiene rubber solvent based adhesive

Chemical Name or Generic Name	Concentration or Its Ranges(wt%)	CAS No
Styrene-butadiene rubber	60-70	nondisclosure
Petroleum resin		nondisclosure
Calcium carbonate		471-34-1
n-Hexane	10-20	110-54-3
Acetone	10-20	67-64-1
Methylpentane(mixture)	5-10	listing

Impurities and/or Stabilizing Additives : No information available which Contribute to the Classification

Section 4 - FIRST AID MEASURES

Inhalation	: Move affected person to the open air. Keep him or her at rest to allow easier breathing. Call a doctor if you feel unwell.
Skin Contact	: Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Call a doctor.
Eye Contact	: Rinse carefully with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a doctor.
Ingestion	: Rinse mouth. Do not induce vomiting. Call a doctor.

Protection of first-aiders : Wear the protection tools to prevent the organic Solvent poisoning.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing media : Fire extinguisher (powder/foam), water spray, sand, carbon dioxide.

Specific Hazards : Inflammable and combustible.

Specific methods of fire-fighting : Extinguish fire from windward side in a place free of gas retention, and take steps against leakage.

Protection of Fire Fighter : In fire-extinguishing activity, wear an appropriate air breathing apparatus and full protective clothing for chemicals.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures : Isolate spill area. Prohibit unauthorized entry into the area.
Ventilate the closed area.
Do not touch the leakage.
Wear appropriate personal protective equipment (Refer to "Section 8") and avoid inhalation or contact with eyes and skin.

Environmental Precautions : Do not release into the environment.
Contamination of the terrestrial and aquatic environments should be avoided.
Diluent may cause pollution.

Recovery/neutralization : For small amounts : Absorb spills with inert materials (such as dry sand or soil) and collect them into chemical-waste disposal container.

For large amounts : Carefully collect remainder, then remove to safe place.

Methods and Equipment for Containment and Cleaning up : Ground all equipment used to handle leakage.
Stop leak if safe to do so.

Prevention Measures for Secondary Accidents : Removes all ignition sources promptly. (Prohibition of smoking, sparks, and flames in the surrounding area)
Prevent flowing into ditches, drains, basements, or Other closed areas.
Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 - HANDLING AND STORAGE

Handling

Technical Measures : Provide ventilation system and Use necessary personal protective equipment as described in "Section 8".

Local and General Ventilation : Provide local ventilations and a full ventilation system as described in "Section 8".

Precautions for Safe Handling : Use in a well-ventilated place.
Do not get in eyes, on skin, or on clothing.
Wash hands thoroughly after handling.
No open flame, No static electricity.
Keep away from heat/sparks/open flames/hot surfaces.

Prevents Handling of Incompatible Substances or Mixtures	Do not breathe mist/vapour/spray. : Refer to "Section 10".
Storage Precautionary Statements Technical Measures	: Storage facilities should consist of roofs of a noncombustible structure roofed with metal plates or other noncombustible material and free of ceilings. Storage facilities should consist of floors structured to prevent penetration of hazardous materials, sloped appropriately and provided with appropriate catch. The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods.
Incompatible Substances or Mixtures Storage Conditions	: Refer to "Section 10". : Store at temperature :2-40°C Protect from sunlight. Keep container tightly closed. Store locked up.
Material Used in Packaging/Containers	:Use containers conforming to Fire Defense Act of Japan and United Nations Recommendations on the Transport of Dangerous Goods.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Name or Generic Name	ACGIH
n-Hexane	TWA 50ppm
Acetone	TWA 500ppm, STEL750ppm
Methylpentane(mixture)	TWA 500ppm, STEL 1000ppm

Engineering Controls	: Use in a well-ventilated place. A workplace to store or handle this substance should be provided with an eye washing station and an emergency shower station. Use local exhaust ventilation system.
Protection	
Respiratory Protection	: Use the chemical cartridge respirators.
Hand Protection	: Wear protective gloves.
Eye Protection	:Wear eye protection.
Skin and Body Protection	:Wear protective clothing/protective boots.
Specific Hygiene Measures	:Wash hands thoroughly after handling.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Appearance	: High viscosity liquids
Color	: Yellowish brown
Odor	: Gasoline odor weak
pH	: No data available
Initial boiling point and boiling ranges	: 56°C (Acetone)
Flash point	: -22°C (Adopt minimum flash point)
Spontaneous ignition temperature	: No information available.
Vapour density	: ≥ 1 (air = 1)
Specific gravity (relative density)	: about 0.98 g/cm ³

Solubility	: Insoluble in water. Soluble in organic solvents.
Viscosity	: (Mar.-Oct.) 160-250 Pa·s (Nov.-Feb.) 130-200 Pa·s

Section 10 - STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reaction	: No information available
Conditions to avoid	: Vapor of solvent is heavier than air, and likely to move over the ground or floor, possibly causing ignition at distant area.
Incompatible Substances or Mixtures	: Oxidizing agents.
Hazardous decomposition products	: In combustion emits toxic gasses (CO, etc.).

Section 11 - TOXICOLOGICAL INFORMATION

Acute toxicity	
Oral	: ATEmix > 2000mg/kg Unknown ingredients : 70%
Dermal	: ATEmix > 2000mg/kg Unknown ingredients : 90%
Inhalation :Inhalation (vapours)	: ATEmix > 20.0mg/l Unknown ingredients : 70%
Skin corrosion/irritation	: Sum of ingredients classified as Skin Category 2 ≥ 10%
Serious eye damage/eye irritation	: Sum of ingredients classified as Eye Category 2A ≥ 10%
Respiratory sensitization	: No data available
Skin sensitization	: Result of classification with convey hazards of the known ingredients : Not classified Unknown ingredients : 90%
Germ cell mutagenicity	: Result of classification with convey hazards of the known ingredients : Not classified Unknown ingredients : 70%
Carcinogenicity	: Result of classification with convey hazards of the known ingredients : Not classified Unknown ingredients : 90%
Reproductive toxicity	: Category 2 reproductive toxicant ≥ 3.0%
Specific target organ toxicity-Single exposure	: Category 3 Target organ toxicant (narcotic effects) ≥ 20% Category 3 Target organ toxicant (respiratory tract irritation) ≥ 20%
Specific target organ toxicity-Repeated exposure	: Category 1 Target organ toxicant (central nervous system) ≥ 10% Category 1 Target organ toxicant (peripheral nervous system) Category 2 Target organ toxicant (blood) ≥ 10%
Aspiration hazard	: Kinematic viscosity measured at 40°C > 20.5mm ² /s

Section 12 - ECOLOGICAL INFORMATION

Acute toxicity to the aquatic environment	: Sum of ingredients classified as (M × 100 × Acute 1)+(M × 10 × Acute 2)+Acute 3 > 25%
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Chronic toxicity to the aquatic environment	: Result of classification with convey hazards of the known ingredients : Not classified Unknown ingredients : 70%
Ecotoxicity	: No information available
Other adverse effects	: Dangerous for the environment if discharged into watercourses.

Section 13 - DISPOSAL CONSIDERATIONS

Residual Waste	: If you would like to dispose of this chemical, you should properly dispose of this by yourself or ask qualified specific agents dispose of this according to related legislations and local regulations. If you would like to ask the agents dispose of this chemical, you should provide sufficient information on dangerousness and hazard of this chemical.
Contaminated Container and Packaging	: Container should be recycled after cleaning or if you would like to dispose of container of this chemical, you should properly dispose of this by yourself or ask qualified specific agents dispose of this according to related legislations and local regulations. If you would like to ask the agents dispose of this container, you should provide sufficient information on dangerousness and hazard of this chemical in this container and information on ingredient and notice of container.

Section 14 - TRANSPORT INFORMATION

International Regulations	
Regulatory Information by Sea	: Conform to the provisions of IMO.
UN No.	: 1325
Proper Shipping Name.	: FLAMMABLE SOLID, ORGANIC, N.O.S.
Class	: 4.1
Packing Group	: III
Marine Pollutant	: Not applicable
Regulatory Information by Air	: Conform to the provisions of ICAO/IATA.
UN No.	: 1325
Proper Shipping Name.	: FLAMMABLE SOLID, ORGANIC, N.O.S.
Class	: 4.1
Packing Group	: III
Special safety measures	: Please refer to "Section 7" in detail. Under loading, containers must be carefully handled to prevent damage of containers and must be fixed them tightly to prevent falling of containers.

Section 15 - REGULATORY INFORMATION

Regulatory information with regard to this substance in your country or region should be examined by your own responsibility.

Section 16 - OTHER INFORMATION

Where to make contact	: Please refer to "Section 1" in detail.
Reference	: Safety data sheet for chemical products-Part 1: Content and order of sections (JIS (JAPANESE INDUSTRIAL STANDARD) Z 7250:2005).

Classification of chemicals on "Globally Harmonized System of Classification and Labeling of Chemicals(GHS)" (JIS(JAPANESE INDUSTRIAL STANDARD) Z 7252:2009).

GHS Classification Guidance for Enterprises (March, 2009:Ministry of Economy, Trade and Industry in JAPAN).

The list of chemicals classified of NITE (National Institute of Technology and Evaluation) in JAPAN.

NOTICE : This SDS was made out as English translated version of the SDS based on the Japanese laws and regulations. Therefore, it was not applicable to the domestic distribution in the importing country.