

Material Safety Data Sheet

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1. Chemical Product & Company Identification

Chemical product name Hi-S Cal 7F-310	
Name of Manufacturer/Supplier Nippon Carbide Industries Co., INC.	Telephone Number Japan +81-3-5462-8205 Fax Number Japan +81-3-5462-8274
Address Ohtaki Bldg. 2-11-19,Kohnan,Minato-ku, Tokyo, 108-8466, Japan	
Name of Section Marking Business Unit, Function Film Department	
Manufacturer's Name Nippon Carbide Industries Co., INC. Hayatsuki Plant	Telephone Number Japan +81-76-471-2211 Fax Number Japan +81-76-471-2041
Address 530 Ohjima, Namerikawa-City, Toyama, 936-8555, Japan	
Name of Section Quality Control,Environmental Health&Safety Dept.	Date Prepared Sheets 21.November.2012
Reference №; 0653-7F-310	

2. Hazards Identification

HAZARD STATEMENT	HAZARD CLASS	HAZARD CATEGORY
Physical Hazards		not classified
Health Hazards	Acute Toxicity, oral	not applicable
	dermal	not applicable
	inhalation(vapour)	not applicable
	Skin Corrosion/irritation	not classified
	Serious eye damage/eye irritation	not applicable
	Sensitization, respiratory	not applicable
	skin	not classified
	Germ Cell Mutagenicity	not classified
	Carcinogenicity	not classified
	Toxic to Reproduction	not classified
	Specific Target Organ Toxicity, single exposure	not applicable
	repeated exposure	not applicable
	Aspiration Hazard	not applicable
Environmental Hazards	Hazardous to The Aquatic Environment, acute toxicity	not classified
	chronic toxicity	not classified

3. Composition / Information on Ingredients

Substance : Mixture - Mixture is based on Polyvinyl Chloride Film and the others

Chemical Name : PVC based Film

Ingredients and Composition / CAS No.

	wt %	CAS No.
PVC Resin	20~30	9002-86-2
Plasticizer	5~15	Confidential
Pigment(inorganic), Filler	15~25	//
Other Additives	15~25	//
Adhesive(acrylic polymer)	20~30	//
Liner Paper	-	

4. First-Aid Measures

Eye Contact

In case of injured, get medical attention.

Skin Contact

Not special necessarily.

Inhalation

In case of breathed in burned gas, immediately get medical attention.

Ingestion

Immediately give the victim of water, attempt to make the victim vomit and medical facility for examination and treatment by a physician.

5. Fire-Fighting Measures

Specific Hazards with Regard to Fire-Fighting Measures.

Evacuate personnel to safe area.

Firefighters should wear proper protective equipment.

Keep personnel removed from and upwind of fire.

Extinguishing Media

Use water, foam or dry chemical powder.

6. Accidental Release Measures

Keep clean film pieces on the floor, because those have slipping property.

Also don't damage products.

7. Handling and Storage

Handling Method

Be careful not to fall products on foot.

Also don't wet by water and don't use hook for handling.

Storage Method

Keep away from heat, steam pipe or sunlight.

Keep at temperature not exceeding 25°C.

8. Exposure Control / Personal Protection

TLV Control

Not established

OSHA PEL / ACGIH

Not established.

Respiratory Protection

Not special necessarily.

Protective Clothing

General working clothes.

Ventilation Equipment

Not special necessarily.

Eye Protection

Not special necessarily.

Protective Gloves

General gloves.

9. Physical and Chemical Properties

Appearance

Film with adhesive and liner paper wind on the paper core.

10. Physical Hazard (Stability and Reactivity)

This product is considered a stable material under normal and anticipated storage and handling conditions.

11. Toxicological Information

Corrosive

In usual case, this material is extremely safety for catching fire and explosion.

However, in case of burning, this material generates carbon dioxide and carbon oxide gas.

12. Ecological Information

Biodegradability

Now, there is no knowledge.

Other Information

Now, there is no knowledge.

13. Disposal Consideration

Waste Disposal Method

Consult waste disposal company for the optimum treatment.

14. Transport Information

Follow all regulations in your country.

15. Regulatory Information

Follow all regulations in your country.

16. Other Information

The information relates to this specific material. It may not be valid for this materials, if used in combination with any other materials or in any process. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use.
