

Material Safety Data Sheet (MSDS)

Name of company: SANKYO RIKAGAKU CO., LTD.

Address: 2-2-18 Izumi OKEGAWA-city SAITAMA

Prefecture

< Where to make contact >

Charged Department:

Okegawa factory

Quality Control Section

Reference No. : MAF00002-6301

Telephone No. : 048 (786) 2111

Preparation and revision: 2010/06/28

FAX. No. : 048 (786) 2511

Product Name: MAF-50

Grain size: 9~100 μ

Specified substance

Classification of single product and mixture: Mixture

Contained component

Component		CAS No	Law concerning the examination and regulation of manufacturing, etc. of chemical substance	Industrial Safety and Health Law	PRTR Law No
Name of composition	Name of component				
Base material	Polyester film	25038-59-9	7-1022	-	-
Abrasives	Aluminium oxide	1344-28-1	(1) -23	Object substance of notification	-
Adhesives	Urethane Resin	-	-	-	-
Back material	Calcium carbonate	471-34-1	(1) -122	Out of object of notification	-
Adhesives	chromium and chromium(III) compounds	1308-38-9	1-284	Object substance of notification	1-87

United Nation Classification and United Nation No. :

United Nation Classification is not applied.

Note component: chromium and chromium(III) compounds: Content of less than 1 percent

Classification of hazardous

Name of classification : Not applied for classification criterion
 Hazardousness : Especially none. Burned if ignition source is present because this material is combustible.
 Harmfulness : Especially none
 Environmental impact : Especially none

First aid treatment : When affected by dust at polishing
 In case of eye contact : Flush well with clean water then seek medical attention if required.
 In case of skin contact : Flush well with clean water then seek medical attention if required.
 In case of inhalation : Remove to fresh air when much of dust is inhaled.
 In case of ingestion : —

Action for fire

Fire fighting method : Common fire fighting method
 Fire extinguisher : Water, powder, bubble fire extinguisher, carbon dioxide
 Protection from fire : Providing self-contained breathing apparatus is recommended because generating of such harmful gas as carbon monoxide is suspected at fire fighting.

Action for leakage

In case dust of polishing cloth or paper either scrapping up the dust or collecting dust by using cleaner.

Caution for handling and storing

Handling : Safety shall be confirmed wearing such safety gears as anti-dust mask, dust-proof goggles, and protective gloves during work.
 Prevention of fire and explosion : Installation of suitable dust collecting and fire prevention equipment is required to avoid potential hazard of dust explosion caused by polishing dust and occurrence of fire caused polishing spark.
 Storage : Store in normal temperature and normal humidity avoiding direct sunlight.

Action for exposure prevention and protection

Concentration control : —
 Permissible concentration : —
 Countermeasure for equipment : —
 Safety gear : Safety shall be confirmed wearing such safety gears as anti-dust mask, dust-proof goggles, and protective gloves during work.

Physical and chemical property

External appearance: pink
 Color of polishing material coated surface is

Information on hazardous (Stability and reactivity)

Flammability : —
 Combustibility : Burned if ignition source is present because this material is combustible.
 Ignitibility (Spontaneous combustion and reactivity with water) : —
 Oxidation : —
 Self reactivity·explosive : —
 Dust explosion : Installation of suitable dust collecting and fire prevention equipment is required to avoid potential hazard of dust explosion caused by polishing dust and occurrence of fire caused polishing spark.
 Stability and reactivity : Stable and reactivity is scarce.
 Miscellaneous : Providing respiration protective gear and fire extinguisher is recommended assuming fire occurrence for the worst.

Information on harmfulness

Skin saprophytism	: No information
Stimulation (skin and eye)	: No information
Irritation	: No information
Repetition injury batch (human)	: No information
Acute toxicity (including 50% lethal dosage)	: No information
Chronic toxicity	: No information
Cancer abiogenesis	: No information
Mutagenicity	: No information
Reproductive effect	: No information
Teratogenicity	: No information
Subacute toxicity	: No information

Information on environmental impact

Degradability	: No information
Vital accumulation	: No information
Ecotoxicology	: No information

Caution for disposal

Disposal by common incineration or landfill	: Especially none
Landfill	: Shall be incinerated using incinerator complied with Air Pollution Control Law.
	: Shall be disposed complying with law and ordinance related to disposal of industrial waste.

Caution for transportation

: Especially none

Main applicable law and ordinance : There is no main applicable law and ordinance

Miscellaneous information

Treatment of described contents

Described contents are prepared based on documents, information, and data that are available at present time therefore they are subjected to revision without notice according to obtained new information. Also matters to be attended are described only required attention under normal treatment or handling therefore the customer is required to implement additional attentions suitable for special treatment when the material is applied for other than normal usage and normal method. Remember that the contents in this document are provided as information and not certification of material conformance for individual usage.