

MATERIAL SAFETY DATA SHEET



Issue Date: 12/30/2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Non-Woven Products (Pads/Rolls/Wheels)**PRODUCT USE:** Abrasive materials utilized for surface-conducting or other industrial purposes**MANUFACTURER:** V-Bear Co., Ltd. Taiwan**ADDRESS:** No 53, Da-Fu Street, SanMing Dist. Kaohsiung 80780, Taiwan**EMERGENCY PHONE:** +886-7-732-6292 (During office hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Compound/Mixtures**Description:** Mixture of the substances lists below

Substance Components	CAS#	% by Weight
Aluminum Oxide	1344-28-1	35 – 55
Silicon Carbide	409-21-2	35 – 55
Nylon 66 or Polyamide 66 Fibers	32131-17-2	15 – 20
Resins	Mixture	25 – 45

3. HAZARDS IDENTIFICATION

Non-woven products are composed of non-woven fibers and abrasive particles which bonded together with resins. These kinds of products would not cause risks when stored correctly.

Route(s) of Entry	Symptoms of Exposure and Emergency Overview
Eyes	Abrasive particles may cause Eye Inflammation and/or Irritating to eyes
Skin	Abrasive particles may cause itches and/or trauma on skin
Inhalation	Abrasive particles may cause cough, throat ache and/or short of breath
Ingestion	N/A

NFPA Hazard Rating: Health: 1
Fire : 0
Reactivity: 0

4. FIRST AID MEASURES

After Eye Contact: Flush eyes with water thoroughly. If symptoms persist, consult a physician.**After Skin Contact:** Immediately wash with water and soap.**After Inhalation:** Supply fresh air and consult a physician.**After Ingestion:** Consult a physician if necessary.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Agents: Asphyxiator, Fire/Foam Extinguisher, and/or Water Spray.**Special Hazards Arising from the substance or mixture:** No further relative information available.**Protective Equipment:** No special required.

6. ACCIDENTAL RELEASE MEASURES

Pick up and clean-up with broom and dustpan, and/or vacuum cleaner and place in a container for disposal.

*Note: Authorities are required by local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Use in adequate ventilation place. Washing thoroughly after handling and use. Refer to local Labor Policy for additional work practice requirements where applicable.

Storage: Store in a dry place and away from heat source

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline:

Substance Components	Units	OSHA	ACGIH	MOL	MAK
Aluminum Oxide	mg/m ³	15.0000	10.0000	10.0000	6.0000
Silicon Carbide	mg/m ³	10.0000	10.0000	10.0000	4.0000
Nylon 66 or Polyamide 66 Fibers	PPM	0.0000	0.0000	0.0000	0.0000
Resins	PPM	0.0000	0.0000	0.0000	0.0000

OSHA= Occupational Safety & Health Administration, USA

ACGIH= American Conference of Industrial Hygienists

MOL= Ministry of Labor, CAN

MAK= Maximale Arbeitsplatzkonzentration, Germany

Ventilation: Local Exhaust or Mechanical (General). See OSHA 29 CFR 1910.94 (ventilation) and 29 CFR 1910.1000 (Air contaminants).

Respiratory Protection: Select and use respirators in accordance with OSHA 29 CFR 1910.134.

Protective Gloves: Wear protective gloves recommended.

Eye Protection: Safety goggles.

Other Protection: Hearing protection and protective clothing may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 170°C–250°C	Vapor Pressure (mm HG): N/A
Freezing Point: N/A	Vapor Density (Air=1): N/A
Melting Point: N/A	Evaporation Rate: N/A
Specific Gravity: N/A	Solubility in Water: Insoluble
Odor/Appearance: Odorless	Coefficient of Water/Oil Distribution: N/A

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: N/A

Hazardous Decomposition Products: N/A

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: N/A

LD50/LC50: N/A

Acute Toxicity Values: These products are no acutely toxic.

12. ECOLOGICAL INFORMATION

Ecological effects: N/A

Other information: Considering may have potential environment effects of the base material being processed.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Hazard Class/Packing Group:

These products are not hazardous as defined by the Department of Transportation. (USA)

These products are "Not Regulated" under the Transportation of Dangerous Goods Act. (Canada)

15. REGULATORY INFORMATION

Exposure Limit Descriptions: CA PROP 65: N/A

TSCA: Section 8(b) – Inventory Status: All components of these products are registered under theregulations of the Toxic Substance Control Act.

Domestic Substance List: All components of these products are found on the Domestic Substance List.

16. OTHER INFORMATION

Disclaimer: This information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, V-Bear Company, Ltd., Taiwan makes no expressed or implied warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.