

Roof Tech Butyl tape MSDS

SECTION 1 : COMPANY INFORMATION

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SECTION 2 : HAZARDS IDENTIFICATION

PHYSICAL HAZARDS

<u>HAZARD CLASS</u>	<u>HAZARD CATEGORY</u>	<u>HAZARD STATEMENT</u>
EXPLOSIVES	Classification not possible	-
FLAMMABLE GASES	Not applicable	-
FLAMMABLE AEROSOLS	Not applicable	-
OXIDIZING GASES	Not applicable	-
GASES UNDER PRESSURE	Not applicable	-
FLAMMABLE LIQUIDS	Not applicable	-
FLAMMABLE SOLIDS	Classification not possible	-
SELF-REACTIVE SUBSTANCES AND MIXTURES	Classification not possible	-
PYROPHORIC LIQUIDS	Not applicable	-
PYRO PHORIC SOLIDS	Classification not possible	-
SELF-HEATING SUBSTANCES AND MIXTURES	Classification not possible	-
SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES	Classification not possible	-
OXIDIZING LIQUIDS	Not applicable	-
OXIDIZING SOLIDS	Classification not possible	-
ORGANIC PEROXIDES	Classification not possible	-
CORROSIVE TO METALS	Classification not possible	-

HEALTH HAZARDS

<u>HAZARD CLASS</u>	<u>HAZARD CATEGORY</u>	<u>HAZARD STATEMENT</u>
ACUTE TOXICITY - ORAL	Not classified	-
ACUTE TOXICITY - DERMAL	Not classified	-
ACUTE TOXICITY		
-INHALATION fume/gas.	Not applicable	-
-INHALATION vapours/spray.	Not classified	-
-INHALATION dust/mist.	Not classified	-
SKIN CORROSION/IRRITATION	Class 2	H315 Causes skin irritation
EYE DAMAGE/IRRITATION	Class 1	H318 Causes serious eye damage
SENSITIZATION - RESPIRATORY	Not classified	-
SENSITIZATION - SKIN	Not classified	-
GERM CELL MUTAGENICITY	Not classified	-
CARCINOGENICITY	Class 1A	H 350 May cause cancer
TOXIC TO REPRODUCTION	Not classified	-
EFFECTION OR VIALACTATION	Not classified	-

SECTION 2 : HAZARDS IDENTIFICATION (con't)

SINGLE-EXPOSURE	Class 1	H370 Causes damage to organs <Respiratory system>
	Class 2	H371 May cause damage to organs <Degestive tract>
REPEATED-EXPOSURE	Class 1	H372 Causes damage to organs <Respiratory system , Kidney, Lungs> through prolonged or repeated exposure
ASPIRATION TOXICITY	Classification not possible	-

ENVIRONMENTAL HAZARDS

<u>HAZARD CLASS</u>	<u>HAZARD CATEGORY</u>	<u>HAZARD STATEMENT</u>
ACUTE-AQUATIC-ENVIRONMENT	Not classified	-
CHRONIC-AQUATIC-ENVIRONMENT	Not classified	-
HAZARDOUS TO THE OZONE LAYER	Classification not possible	

SYMBOL



SIGNAL WORD

Danger

PRECAUTIONARY STATEMENTS

PREVENTION

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood .
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection .

RESPONSE

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing .
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.
P308 + P313 IF exposed or concerned: Get medical attention/advice.
P310 Immediately call a POISON CENTER or doctor/physician
P314 Get medical attention/advice if you feel unwell .
P332 + P313 If skin irritation occurs: Get medical advice/attention .
P362 + P364 Take off contaminated clothing and wash before reuse.

STORAGE

P405 Store locked up.

DISPOSAL

P501 Dispose of contents/container to accordance with local/regional/national/international regulation.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

General chemical description : Mixture
Base substances of preparation : Rubber Compound

<u>COMPONENTS</u>	<u>CAS NO.</u>	<u>%WT</u>
Synthetic rubber	Trade secret	1~10
Carbon black	1 333-86-4	0.1~10
Calcium oxide	1 305-78-8	1~10
Tackifier	Trade secret	1~5
Softener	Trade secret	20~25
Inorganic filler	Trade secret	60~70

SECTION 4 : FIRST AID MEASURES

INHALATION : IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
: If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

EYES : IF IN EYES: Rinse cautiously with water for several minutes.
: Remove contact lenses, if present and easy to do. Continue rinsing.
: If eye irritation persists, get medical advice/attention.

INGESTION : Rinse mouth.
: Perform emergency first aid immediately, and get medical attention.

SKIN : IF ON SKIN: Wash with plenty of soap and water.
: If skin irritation occurs, seek medical advice/attention.
: Take off contaminated clothing and wash before re-use.

EXPOSED : Call a POISON CENTER or doctor/physician if you feel unwell.
: Get medical attention/advice if you feel unwell.

SECTION 5 : FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon Dioxide, Dry Chemical, Foam.

SPECIAL HAZARDS : May produce toxic fumes such as carbon monoxide if burning.

SPECIAL METHODS : Move a container from the fire area if not dangerous.
: Pour a lot of water on a container and around it to cool down if it is not possible to move.
: After the fire extinguishing, pour more water to further cool down.

EXTINGUISHING MEDIA : Boots, overalls, gloves, eye and face protection and breathing apparatus.
(The appropriate protective equipment for fire-fighters.)

SECTION 6 : ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	:	The wearing of suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.
ENVIRONMENTAL PRECAUTIONS	:	Avoid release to the environment - if this is not the intended use.
METHODS FOR CLEANING UP	:	Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing . Sweep up with a shovel and transfer into container for disposal .
PREVENTION OF SECONDARY HAZARDS	:	Removal of ignition sources and provision of sufficient ventilation.

SECTION 7 : HANDLING AND STORAGE

VENTILATION	:	Use local exhaust ventilation when heating.
HANDLING	:	Keep away from ignition sources such as sparks/open flame. Do not subject to rough handling such as shock. Avoid Eye and Skin Contact.
PRECAUTIONS	:	Wear protective gloves and eye/face protection. Eating, Drinking and Smoking in work areas is prohibited. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Do not breathe dust/fume/gas/mist/vapours. Perform the heating in a good area of the ventilation. Wash contaminated clothing before reuse.
STORAGE	:	Keep away from ignition sources such as heat/sparks/open flame. Keep away from Halogens, Strong Acids, Alkalines, and oxidizers. Protect from sunlight. Cool and Well-Ventilated Place. Store locked up.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	:	Use local exhaust ventilation when heating.
PERSONAL PROTECTIVE EQUIPMENT		
RESPI RATORY PROTECTION	:	Wear Respiratory Protection as needed.
HAND PROTECTION	:	Protective Gloves.
EYE PROTECTION	:	Safety Glasses.
SKINAND BODY PROTECTION	:	Avoid Contact With Skin.
HYGIENE MEASURES	:	Wash hands after handling. Do not eat, drink or smoke when using this product.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Black solid
ODOR	:	Slight odor
PHYSICAL STATE	:	Solid
pH	:	Not Available.
MELTING POINT(°C)	:	Not Available.
FREEZING POINT(°C)	:	Not Available.
BOILING POINT(°C)	:	Not Available.
FLASH POINT(°C)	:	251
EVAPORATION RATE	:	Not Available.
VAPOUR PRESSURE	:	Not Available.
SPECIFIC GRAVITY (H ₂ O = 1)	:	1.6
DECOMPOSITION TEMPERATURE(°C)	:	Not Available.
SOLUBILITY IN WATER	:	Insoluble
PERCENT NON-VOLATILE (%WT 105°C, 3hrs)	:	98-99.9
MOLECULAR WEIGHT	:	Not Available.
VISCOSITY(Pa·s)	:	Not Available.

SECTION 10 : STABILITY AND REACTIVITY

REACTIVITY	:	Stable under normal conditions.
CONDITIONS TO AVOID	:	Keep away from ignition sources such as heat/sparks/open flame.
INCOMPATIBILITY (MATERIAL TO AVOID)	:	Strong Acids, Strong Alkalies, Oxidizing agent, Polymerization initiator and Amine compounds.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	:	Carbon monoxide, Carbon dioxide, Others.
HAZARDOUS POLYMERIZATION	:	Not Available.
CONDITIONS TO AVOID (POLYMERIZATION)	:	Not Available.

SECTION 11 : TOXICOLOGICAL INFORMATION

The toxic data of the mixture (a product) are not provided .

ACUTE TOXICITY - ORAL	:	-
ACUTE TOXICITY - DERMAL	:	-
ACUTE TOXICITY	:	-
- INHALATION gas.	:	-
- INHALATION vapours/spray.	:	-
-INHALATION dust/mist/fume.	:	- -

SECTION 11 : TOXICOLOGICAL INFORMATION (con't)

SKIN CORROSION/IRRITATION	: Class 1 C, Causes severe skin burns and eye damage. <Reference : Calcium oxide>
EYE DAMAGE/IRRITATION	: Class 1, Causes serious eye damage. <Reference : Calcium oxide>
SENSITIZATION - RESPIRATORY	: -
SENSITIZATION - SKIN	: -
GERM CELL MUTAGENICITY	: -
CARCINOGENICITY	: Class 2, Suspected of causing cancer. <Reference : Carbon black>
TOXIC TO REPRODUCTION	: -
EFFECT ON OR LACTATION	: -
SINGLE-EXPOSURE	: Class 1, Causes damage to organs <Respiratory system>. / Class 2, May cause damage to organs <Systemic toxicity, Digestive organs>. <Reference : Calcium oxide>
REPEATED-EXPOSURE	: Class 1, Causes damage to organs <Lungs> through prolonged or repeated exposure. <Reference : Carbon black> : Class 1, Causes damage to organs <Respiratory system> through prolonged or repeated exposure. <Reference : Calcium oxide>
ASPIRATION TOXICITY	: Class 1, May be fatal if swallowed and enters airways. <Reference : Calcium oxide>

SECTION 12 : ECOLOGICAL INFORMATION

The ecological information of the mixture (a product) is unknown.

HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD

HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD

HAZARDOUS TO THE OZONE LAYER : It does not contain ingredients that are listed in the Annex to the Montreal Protocol to this product.

SECTION 13 : DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD : Dispose of contents/container to accordance with local/regional/national/international regulation.

SECTION 14 : TRANSPORT INFORMATION

UN CLASS (IMDG CODE) : None

UN NO : None

LAND TRANSPORT : Follow the all regulations in your country.

ISLAND WATERWAYS TRANSPORT : Follow the all regulations in your country.

SEA TRANSPORT : Follow the all regulations in your country.

AI R TRANSPORT : Follow the all regulations in your country.

SECTION 15 : REGULATORY INFORMATION

Follow the all regulations in your country.

SECTION 16 : OTHER INFORMATION

REFERENCE : Referred to the SDS of the raw materials which we purchased.

DISCLAIMER : The information herein is given in good faith, but no warranty, express or implied is made.
: Please handle very carefully due to the possibility of unknown, harmful substances, and also the possibility of lacking inspection regarding dangers and hazards.
: Please treat safety with your own responsibility

