

MATERIAL SAFETY DATA SHEET

COMPOUNDED RUBBER

MATERIAL IDENTIFICATION

Material Name	Compound Rubber, Unvulcanised, Compounded with Carbon Black (Natural Rubber TSR 10/20 with Carbon Black)
Manufacturer	Factories in Asia
General Chemical Properties	Polymer

HAZARDS IDENTIFICATION

Emergency Overview	Not hazards.
General Advice	Generally classified as non-hazardous.
Health Effects	May be harmful if inhaled, ingest & in case of eye contact (irritant). Seek medical advice.

COMPOSITION/ INGREDIENT INFORMATION

Material Name	CAS No	Weight %	Hazardous Classified
Natural Rubber	9006-04-6	As per Customer request	Unknown
Carbon Black	1333-86-4	As per Customer request	Unknown
Other Additives	-	As per Customer request	Unknown



FIRST AID MEASURES

Inhalation	May be harmful if swallowed seek medical advice.
Eyes	Irrigate with water.
Skin	Wash with warm water and mild soap.
Ingestion	May be harmful if swallowed. Seek medical advice.
General Advise	May cause allergic reaction to persons with natural latex rubber sensitivity. Handling of solid rubber is not a serious health hazard and does not require special first aid facilities. If in doubt, seek medical attention.

FIRE FIGHTING MEASURES

Flammability	Yes		
Flammability conditions	Heat/Oxidation		
Extinction Means	Water sprinkler / foam, CO2 or dry chemical extinguishers		
Special Procedure	None		
Flash Point and Method	Upper Explosion limit (% by Volume)	Lower Explosion limit (% by Volume)	
> 300 C	Unknown	Unknown	
Auto Ignition Temperature	TDG Flammability Classification	Hazardous combustion Product	
> 300 C	Unknown	Carbon Monoxide	
Sensitivity to Chemical Impact	Rate of Burning	Explosive Power	Sensitivity to Static Discharge
Unknown	Varies	Unknown	Unknown



ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid ingestion, avoid inhalation of vapour or smoke from combustion.
Product Precautions	Normal methods for prevention of fire are required.
Personal Protection	Wear appropriate protective clothing, gloves and equipment.
Environmental Precautions	Ventilate if possible. Do not allow products to enter drains or water.

HANDLING AND STORAGE

Handling procedure & equipment	No special handling requirement
Storage Requirements	Keep out of direct sunlight, in a dry and ventilated area. Keep away from oxidation-catalysts.
Special shipping Information	None.
Waste Disposal	All containers should be effectively labelled to facilitate the appropriate disposal or reclaimed.

EXPOSURE CONTROL AND PERSONAL PROTECTION

Personal Protective Equipment		Clothing when processing	
Gloves (specify)	Respiratory (specify)	Eyes (specify)	Footwear (specify)
Yes	Yes	Yes	Yes
Clothing (specify)	Other (specify)		
Yes	Protective clothing to prevent prolonged exposure to skin		



PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Odour	Pungent
Appearance	Black or Variable
Odor Threshold	NA
Density (g/ml)	0.95
Vapor Pressure	Low
Solubility	NA
Evaporation Rate	NA
Initial Boiling Point	NA TM
Freezing Point	NA
Specific Gravity	Variable
pH	Approx 6.0 – 8.0



STABILITY AND REACTIVITY

Chemical Stability	Yes, Product is in solid form.
Incompatibility to other products	Strong oxidizing agents or reducing agents which not compatible with compounds.
Reactivity and under what conditions	Overheating
Hazardous Decomposition Product	Isoprene derivations: carbon monoxide

TOXICOLOGY PROPERTIES OF PRODUCTS

Route of Entry	Ingestion TM
Effects of Acute Exposure to Product	Unknown, but avoid ingestion.
Effects of Chronic Exposure to Product	Unknown, but avoid ingestion.
LD50 Of Product (Route)	Unknown
Irritancy of Product	Unknown
Exposure Limit of Product	Unknown

ECOLOGICAL PROPERTIES OF PRODUCT

Potential for Ground Contamination	No major hazards to health. Product will biodegrade.
Potential for Water Contamination	Not hydroscopic. Exposure to water will cause mould.
Potential for Air Contamination	Ventilation not needed, strong odour fades with time.



WASTE DISPOSAL OF PRODUCT

Disposal Method	Dispose, incinerate or reclaim in accordance with local, regional and national environmental laws and regulations.
Special Procedures	None

TRANSPORT INFORMATION OF PRODUCT

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/AND)-Additional information	Not subject to ADR, RID and ADN
International Maritime Dangerous goods Code (IMDG)-Additional information	Not subject to IMDG
International Civil Aviation Organization (ICAO-IATA/DGR)-Additional information	Not subject to ICAO-IATA
DOT Classification	Not a DOT controlled material

REGULATORY INFORMATION

Rubber Compound is not hazardous.

OTHER INFORMATION

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