

Material Safety Data Sheet

Natural Rubber is not a hazardous material. This Data Sheet is supplied to our customers as a courtesy.



Date updated: Sep. 16, 2014

Section I - Material Identification and Use

Material Name	All Natural Rubber Grades (TSR, SMR, SIR, ADS, RSS, Crepes, DPNR, PA, SP, Hyflo)		
Manufacturer	OKIN HUASU	Supplier's Name	Okin Huasu Rubber And Plastics Group Limited
Chemical Name	Cis 14 Polyisoprene	Street Address	A-1002, Yihe Bld, No. 10 Hongkong Middle Road
Chemical Family	Diene	City	Qingdao
Chemical Formula	(C ₅ H ₈) _n	Province	Shandong
Molecular Weight	Ca 10 6	Postal Code	266071
Material Use	Construction, Auto and others	Telephone	86-0532-8666-2018

Section II - Hazardous Ingredients of Material

Hazardous ingredients	Approximate Concentration %	C.A.S.N.A. or U.N. Numbers	Exposure Limits	LD ₅₀ /LC ₅₀ Species and Route
Hydroxylamine	<0.01			
Constant Viscosity grades [CV] only. CV grades not recommended for use with foodstuffs or pharmaceutical goods				

Section III - Physical Data for Material

Physical State	Odour	Appearance	Odour Threshold	Specific Gravity
Solid	Slight	Amber	N/A	0.92
Vapour Pressure	Vapour Density (Air=1)	Evaporation Rate	Boiling Point (°C)	Freezing Point (°C)
N/A	N/A	N/A	N/A	N/A
Solubility in Water (20°C)	% Volatile (by Volume)	pH	Density (g/ml)	Water/Oil distribution
N/A	<0.5	N/A	0.92	N/A

Section IV - Fire and Explosion Hazard of Material

Flammability	Yes	Flammability Conditions	Heats; oxidation
Extinguishment Means	Sprinkler Installation		
Special Procedures			
Flashpoint and Method	Upper explosion limit (% by volume)		Lower explosion limit (% by volume)
>300 °C	Unknown		Unknown
Auto Ignition Temperature	TDG Flammability Classification		Hazardous Combustion Products
>300 °C	Unknown		Carbon Monoxide
Sensitivity to Chemical Impact	Rate of Burning	Explosive Power	Sensitivity to Static Discharge
	Varies	Unknown	Unknown

Section V - Reactivity Data

Chemical Stability	Yes
Incompatibility to other substances	Heavy metals (eg:Cu) acting as pre-oxidants
Reactivity and under what conditions	Starts to decompose above 220°C, finally emitting vapours which may be toxic and flammable at temperatures near 300°C
Hazardous Decomposition Products	Isoprene derivatives; carbon monoxide

OKIN HUASU RUBBER AND PLASTICS GROUP LIMITED
05/16/2014



For and on behalf of
OKIN HUASU RUBBER AND PLASTICS GROUP LIMITED
奧凱華橡膠集團有限公司

Gary Lee
Authorized Signature(s)