SAFETY DATA SHEET



1. Identification

Product identifier	Tite Seal Light Weight Gaske	t & Joint Compound
Other means of identification		
SDS number	T2066	
Part No.	T2066, T2075	
Tariff code	3214.10.0050	
Recommended use	Gasket & Joint Compound	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier/ Manufacturer	Distributor information	
Company name Address	RSC Chemical Solutions 600 Radiator Road Indian Trail, NC 28079 United States	
Telephone	Customer Service: Technical:	(704) 821-7643 (704) 684-1811
Website	www.rscbrands.com	
E-mail	sds@rscbrands.com	
Emergency phone number	Emergency Telephone: Emergency Contact:	(303) 623-5716 RMPDC (877-740-5015)
2. Hazard(s) identification		
Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritati	on Category 2B
	Sensitization, skin	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	
Label elements		
Signal word	Warning	
Hazard statement	Causes skin irritation. May cause	se an allergic skin reaction. Causes eye irritation.
Precautionary statement		
Prevention	Wash thoroughly after handling workplace. Wear protective glo	. Contaminated work clothing must not be allowed out of the ves.
Response	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.	
Storage	Store away from incompatible r	naterials.
Disposal	Dispose of contents/container i	n accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.	
Supplemental information	None.	

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Aluminium Oxide		1344-28-1	10 - < 20
Aluminum And Potassium Silicate (mica)		12001-26-2	10 - < 20
Kaolin		1332-58-7	10 - < 20
Quartz [silica Crystalline]		14808-60-7	10 - < 20
Cellulose		9004-34-6	5 - < 10
Gum Rosin		8050-09-7	1 - < 3
Other components below reportable levels	S		40 - < 50

Other components below reportable levels

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures Inhalation Move to fresh air. Call a physician if symptoms develop or persist. Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Rinse mouth. Get medical attention if symptoms occur. Ingestion Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin Most important irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. symptoms/effects, acute and delayed Indication of immediate Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. medical attention and special treatment needed Ensure that medical personnel are aware of the material(s) involved, and take precautions to **General information** protect themselves. Wash contaminated clothing before reuse. 5. Fire-fighting measures Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire. Unsuitable extinguishing media Specific hazards arising from During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. and precautions for firefighters

Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials. General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Special protective equipment

equipment/instructions Specific methods

the chemical

Fire fighting

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Provide adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	Form
Aluminium Oxide (CAS 1344-28-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Cellulose (CAS 9004-34-6)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Kaolin (CAS 1332-58-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
US. OSHA Table Z-3 (29 CFI	R 1910.1000)		
Components	Туре	Value	Form
Aluminum And Potassium Silicate (mica) (CAS 12001-26-2)	TWA	20 mppcf	
Quartz [silica Crystalline] (CAS 14808-60-7)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.
US. ACGIH Threshold Limit	Values		
Components	Туре	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Aluminum And Potassium Silicate (mica) (CAS 12001-26-2)	TWA	3 mg/m3	Respirable fraction.
Cellulose (CAS 9004-34-6)	TWA	10 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Quartz [silica Crystalline] (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
US. NIOSH: Pocket Guide to	o Chemical Hazards		
Components	Туре	Value	Form
Aluminum And Potassium Silicate (mica) (CAS 12001-26-2)	TWA	3 mg/m3	Respirable.
Cellulose (CAS 9004-34-6)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Gum Rosin (CAS 8050-09-7)	TWA	0.1 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable.
· · · · ·		10 mg/m3	Total
Quartz [silica Crystalline] (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.
ogical limit values	No biological exposure limits noted for the in	aredient(s)	
	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates		

Appropriate engineer controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection	Not available.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Viscous. Paste.
Physical state	Not available.
Form	Liquid.
Color	Dark grey
Odor	Characteristic odor
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	3632 °F (2000 °C) estimated
Initial boiling point and boiling	5396 °F (2980 °C) estimated
range	300.0 °F (148.9 °C) Cleveland Open Cup
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	
Upper/lower flammability or expl Flammability limit - lower	Not available.
(%)	
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.00001 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	10.00 lbs/gal
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Oxidizing properties	Not oxidizing.
Percent volatile	< 1 %
Specific gravity	1.2
VOC (Weight %)	0 % w/w

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Powerful oxidizers. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity	May cause an allergic skin	reaction.
Components	Species	Test Results
Kaolin (CAS 1332-58-7)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 5000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg
* Estimates for product may b	e based on additional compor	nent data not shown.
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes eye irritation.	
Respiratory or skin sensitization	n	
ACGIH Sensitization		
Gum Rosin (CAS 8050-0	9-7)	Dermal sensitization Respiratory sensitization
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	May cause an allergic skin	reaction.
Germ cell mutagenicity	No data available to indicate mutagenic or genotoxic.	e product or any components present at greater than 0.1% are
Carcinogenicity	Product is a non-hardening semi-solid. Product does not contain airborn particles of Respiratory size Risk of cancer cannot be excluded with prolonged exposure.	
IARC Monographs. Overall	Evaluation of Carcinogenici	ty
Quartz [silica Crystalline] OSHA Specifically Regulate	· /	1 Carcinogenic to humans. .1001-1050)
Not listed.		
US. National Toxicology Pro	• • • •	-
Quartz [silica Crystalline]	· · ·	Known To Be Human Carcinogen.
Reproductive toxicity		d to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.	

Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not likely, due to the form of the product.
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.
12. Ecological information	
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.

13. Disposal considerations

Other adverse effects

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not established. Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Poostivity Hazard - No
	Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous	No			
chemical				
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.	
Aluminium Oxide		1344-28-1	10 - < 20	
Other federal regulations		1011 20 1	10 20	
Clean Air Act (CAA) Section	112 Hazardous Air F	Pollutants (HΔPs) I ist		
Not regulated.				
Clean Air Act (CAA) Section Not regulated.	112(r) Accidental Re	elease Prevention (40 CFR	68.130)	
Safe Drinking Water Act	Not regulated.			
(SDWA)	Not regulated.			
US state regulations				
US. California Controlled Su	bstances. CA Depar	tment of Justice (California	a Health and Safety Co	de Section 11100)
Not listed.				
US. California. Candidate Ch (a))	emicals List. Safer (Consumer Products Regula	ations (Cal. Code Regs	, tit. 22, 69502.3, subd.
Quartz [silica Crystalline]				
US. Massachusetts RTK - Su				
Aluminium Oxide (CAS 13 Aluminum And Potassium Cellulose (CAS 9004-34-6 Kaolin (CAS 1332-58-7) Quartz [silica Crystalline]	Silicate (mica) (CAS S)	12001-26-2)		
US. New Jersey Worker and		-Know Act		
Aluminium Oxide (CAS 13 Aluminum And Potassium Cellulose (CAS 9004-34-6 Kaolin (CAS 1332-58-7)	Silicate (mica) (CAS	12001-26-2)		
Quartz [silica Crystalline]				
US. Pennsylvania Worker an		to-Know Law		
Aluminium Oxide (CAS 13 Aluminum And Potassium Cellulose (CAS 9004-34-6 Gum Rosin (CAS 8050-09 Kaolin (CAS 1332-58-7) Quartz [silica Crystalline] US. Rhode Island RTK	Silicate (mica) (CAS 3) 9-7)	12001-26-2)		
Aluminium Oxide (CAS 13	344-28-1)			
US. California Proposition 6	5			
This product does not con particles of respirable size		n to the State of California to	cause cancer. Does no	t contain airborne
US - California Propositi	ion 65 - CRT: Listed	date/Carcinogenic substan	ice	
Quartz [silica Crystall	ine] (CAS 14808-60-7) Listed: October 1	, 1988	
International Inventories				
Country(s) or region	Inventory name			On inventory (yes/no)*
Australia		of Chemical Substances (Al	CS)	Yes
Canada	Domestic Substance			Yes
Canada	Non-Domestic Subs			No
China		Chemical Substances in Ch		Yes
Europe	Substances (EINEC	•		No
Europe		tified Chemical Substances (No
Japan		and New Chemical Substan	ices (ENCS)	No
Korea	Existing Chemicals I			Yes
New Zealand	New Zealand Invent	ory		Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	04-22-2015
Revision date	12-08-2015
Version #	02
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 1 Instability: 0
NFPA ratings	
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Revision Information	Product and Company Identification: Physical States Hazards Identification: US Hazard Categories Composition / Information on Ingredients: Ingredients Physical & Chemical Properties: Multiple Properties Stability and reactivity: Incompatible materials Transport Information: Material Transportation Information Regulatory Information: United States Regulatory information: California Prop 65 Regulatory information: US state regulations Regulatory information: US federal regulations HazReg Data: International Inventories GHS: Classification

Yes