



Safety Data Sheet

Rubber Seal EPDM Roof Primer

Revision date: 05/29/2019

Section 1 - Identification

Product Name as used on Label: 701 Rubber Seal EPDM Roof Primer

Recommended Use: Adhesion promoter of butyl and other self-adhesive seaming tapes

Manufacturer/Supplier: DeWitt Products Company
5860 Plumer Street
Detroit, Michigan 48209

Telephone: (800) 962-8599
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SDS Prepared By: DeWitt Products Company

Section 2 - Hazard(s) Identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910. 1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed gas

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Label Elements

Emergency Overview

Danger

Hazard Statements

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs (Central Nervous System, Eyes, Kidney, Liver, Respiratory System, and Skin) through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Extremely flammable aerosol

Gases under pressure; may explode if heated



Appearance Opaque

Physical State Aerosol

Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/eye protection/face protection

Do not breathe dust/fumes/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Keep away from heat/sparks/open flames/hot surfaces

Use only outdoors or in a well ventilated area

Do not spray on an open flame or other ignition source

Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

IF EXPOSED OR CONCERNED: Seek medical advice/attention

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

IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse with water/shower and soap

IF INHALED: Remove affected person(s) to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting

In case of fire: Use CO₂, dry chemical or foam for extinction

Precautionary Statements - Storage

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Store in a locked and secure area

Protect from sunlight. Store in a well-ventilated place.

Do not expose to temperatures exceeding 122F (50C)

Kepp container tightly closed

Precautionary Statements - Disposal

Disposal should be in accordance with applicable local, regional, national, and international laws and regulations.

Other Information

Toxic to aquatic life with long lasting effects

0% of the mixture consists of ingredient(s) of unknown toxicity

Section 3 - Composition/Information on Ingredients

Substance

Mixture

This product is a mixture.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Common Name	Adhesion promoter
Synonyms	None
Chemical Nature	Organic solvents and additives

Substances	CAS Number	Percent *
Calcium Carbonate	1317-65-3	30-40 %
Propane/Isobutane/N-Butane	68476-86-8	10-20 %
Petroleum Distillates	64742-89-8	1-10 %
Toluene	108-88-3	1-10 %
Methyl Acetate	79-20-9	1-10 %
Methanol	67-56-1	0.1-1.0 %
Xylene	1330-20-7	0.1-1.0 %
Carbon Black	1333-86-4	0.1-1.0 %

* The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4 - First-Aid Measures

General Advice: Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mist, or gas.

Inhalation: Move affected person(s) to fresh air. If not breathing, breathing is difficult, or if no heartbeat, trained personnel should give artificial respiration and cardiopulmonary resuscitation (CPR) and/or administer oxygen as needed. Immediately call a physician.

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Eyes: Check for and remove any contact lenses. Flush eyes with large amounts of luke warm water for at least 15 minutes. Do not rub or scratch eyes. If symptoms or irritation occur, call a physician.

Ingestion: If swallowed DO NOT induce vomiting and DO NOT give liquids. Rinse mouth with water to remove material from throat. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Immediately call a physician and seek medical attention.

Skin: Wash with soap and large amounts of luke warm water. Remove and isolate contaminated shoes and clothing. Wash clothing and clean shoes thoroughly before reuse. If symptoms or irritation occur, call a physician.

Self-protection of the first aider: First aider: pay attention to self-protection!

Most important symptoms and effects, both acute and delayed

Symptoms Not applicable

Indication of any immediate medical attention and special treatment needed

Note to Physicians Treat symptomatically

Section 5 - Fire-Fighting Measures

Fire Extinguishing Media: Water fog, dry chemical, Carbon Dioxide (CO₂). Cool containers/tanks with water spray.

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Special Exposure Hazards: Flammable or extremely flammable aerosol. Container may burst in fire.

Advice for Firefighters: Firefighting may result in potential exposure to high heat, smoke or toxic byproducts of combustion. A self-contained breathing apparatus (SCBA) with full-face piece and full protective firefighting clothing should be worn.

Section 6 - Accidental Release Measures

Personal Precautionary Measures: Use personal protective equipment. Use with adequate ventilation. to keep exposure levels below the OELS.

Environmental Precautions: Dike or contain spill with earth, dry sand, etc.

Procedures for Containment/Cleanup: Avoid contact with skin and eyes. If using dry clean-up procedures

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(i.e. dry sand), avoid creating dusts during clean up. Wear protective clothing, gloves, safety glasses and a dust respirator. If using liquid cleaners (i.e. mineral spirits or Citrus Cleaner) pump waste liquid into waste containers, soak up remaining material with absorbent material. Clean contaminated area thoroughly after product recovery, wash the spill area and prevent runoff into drains. Waste must be disposed of in accordance with State, Local, and Federal Regulations.

Section 7 - Handling and Storage

Handling Precautions:

Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces or open flames.

Storage Information:

Store in a cool place away from excessive heat and open flame. Protect from sunlight. Keep away from children. Keep lid on container when not in use. Avoid contact with strong oxidizers and acids. Keep area clean and free of hazardous material. Do not expose to temperatures exceeding 122°F (50°C).

Aerosol Level 2

Section 8 - Exposure Controls/Personal Protection

Control Parameters

Exposure Guidelines

No ACGIH or OSHA PEL is assigned to this mixture. Exposure limits for the component materials are shown below. This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Xylene 1330-20-7	STEL: 150ppm TWA: 100ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm	-

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		(vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	
Propane/Isobutane/N-Butane 68476-86-8	74-98-6: TWA: 1000ppm 106-97-8: STEL: 1000ppm 75-28-5: STEL: 1000ppm	74-98-6: TWA: 1000ppm TWA: 100 mg/m ³ (vacated) TWA: 1000ppm (vacated) TWA: 1800 mg/m ³ 106-97-8: (vacated) TWA: 800ppm (vacated) TWA: 1900 mg/m ³	74-98-6: IDLH: 2100ppm TWA: 1000ppm TWA: 1800 mg/m ³ 106-97-8: TWA: 800ppm TWA: 1900 mg/m ³ 75-28-5: TWA: 800ppm TWA: 1900 mg/m ³
Toluene 108-88-3	TWA: 20ppm	TWA: 200ppm (vacated) TWA: 100ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300ppm	IDLH: 500ppm TWA: 100ppm TWA: 375 mg/m ³ STEL: 150ppm STEL: 560 mg/m ³
Methyl Acetate 79-20-9	STEL: 250ppm TWA: 200ppm	TWA: 200ppm TWA: 610 mg/m ³ (vacated) TWA: 200ppm (vacated) TWA: 610 mg/m ³ (vacated) STEL: 250ppm (vacated) STEL: 760 mg/m ³	IDLH: 3100ppm TWA: 200ppm TWA: 610 mg/m ³ STEL: 250ppm STEL: 760 mg/m ³
Methanol 67-56-1	STEL: 250ppm TWA: 200ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 200ppm TWA: 260 mg/m ³ (vacated) TWA: 200ppm (vacated) TWA: 260 mg/m ³ (vacated) STEL: 250ppm (vacated) STEL: 325 mg/m ³	IDLH: 6000ppm TWA: 200ppm TWA: 260 mg/m ³ STEL: 250ppm STEL: 325 mg/m ³
Carbon Black 1333-86-4	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons (PAHs)

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

Exposure Limits/Engineering Controls:

Ventilation - Local Exhaust:

For outdoor use only, use in well ventilated area.

Personal Protective Equipment:

Respiratory Protection:

NIOSH approved cartridge respirator with organic vapor cartridge if other controls are not effective.

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Protective Gloves:	Rubberized cotton, if needed
Eye Protection:	Chemical goggles with side shields.
Other Protective Clothing:	Chemical resistant apron.
Hygiene measures:	Wash hands before eating, drinking, or smoking. Promptly remove contaminated clothing and laundry before reuse.

Section 9 - Physical and Chemical Properties

Appearance:	Opaque
Physical State (solid/liquid/gas):	Aerosol
Color:	Black
Specific Gravity:	1.237
Vapor Pressure:	No Information Available
Odor:	Solvent
Vapor Density:	No Information Available
pH:	No Information Available
Melting Point:	No Information Available
Solubility in Water:	Practically insoluble
Initial Boiling Point:	No Information Available
Boiling Range:	No Information Available
Flash Point:	-104°C/-156°F Based on Propellant
Evaporation Rate:	No Information Available
Flammability (solid, gas):	No Information Available
VOC Content:	38.96
MIR Value	0.77
MIR Coating Category	FCP - Flat Coatings <1.20

Section 10 - Stability and Reactivity

Reactivity:	
Chemical Stability:	The product is stable if stored and handled as prescribed.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Polymerization:	Will not occur under normal process and handling conditions.
Incompatible Materials:	Avoid contact with strong oxidizers and acids.

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Hazardous Decomposition Products:

None known based on information supplied.

Section 11 - Toxicological Information

Primary Route of Exposure: Product does not present an acute toxicity hazard based on known information

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation. Prolonged or repeated exposure may cause dermatitis

Ingestion: Not acutely toxic. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Inhalation: Exposure to high vapor concentrations may cause nervous system effects such as headache, nausea, and dizziness.

Component Information: The IARC Monograph (Vol 93, 2010, Carbon Black, Titanium Dioxide, Talc) states: "Operators in user industries who handle fluffy or pelleted Carbon Black during rubber, paint and ink production are expected to have significantly lower exposures to Carbon Black than workers in Carbon Black production. Other workers in user industries who handle it occasionally have little opportunity for exposure". And further, "End users of these products (rubber, ink or paint) are unlikely to be exposed to airborne Carbon Black particles, which are bound within the product matrix."

Chemical Name	LD50 - Oral	LD50 - Dermal	LC50 - Inhalation
Petroleum Distillates 64742-89-8	-	3000 mg/kg (Rabbit)	-
Toluene 108-88-3	2600 mg/kg (Rat)	12000 mg/kg (Rabbit)	12.5 mg/L (Rat) 4h
Methyl Acetate 79-20-9	>5000 mg/kg (Rat)	>5 g/kg (Rabbit)	16000ppm (Rat) 4h
Methanol 67-56-1	6200 mg/kg (Rat)	-	22500ppm (Rat) 8h
Xylene 1330-20-7	3500 mg/kg (Rat)	>4350 mg/kg (Rabbit)	29.08 mg/L (Rat) 4h

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Toluene 108-88-3	-	Group 3	-	-
Xylene 1330-20-7	-	Group 3	-	-
Carbon Black 1333-86-4	A3	Group 2B	-	-

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen

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A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

A4 - Not Classifiable as a Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classified as a human Carcinogen

NTP (National Toxicology Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive Toxicity	None known for product as a whole
Developmental Toxicity	None known for product as a whole
Teratogenicity	None
STOT-single exposure	May cause respiratory irritation, drowsiness and/or dizziness
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure
Aspiration hazard	No information available

The following values are calculated based on chapter 3.1 of the GHS document. For exterior use only. Do not use indoors

ATEmix (oral)	12087 mg/kg
ATEmix (dermal)	15799 mg/kg
ATEmix (inhalation-dust/mist)	60.6 mg/L

Eco-toxicity Effects: Toxic to aquatic life with long lasting effects.

Additional Information: None recognized

Section 12 - Ecological Information

Eco-toxicity Effects:

The following table lists information related to aquatic toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Propane/Isobutane/N-Butane 68476-86-8	-	-	-
Petroleum Distillates 64742-89-8	4700 mg/L EC50 Pseudokirchneriella subcapitata 72h	-	
Toluene			

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<p>108-88-3</p>	<p>433 mg/L EC50 Pseudokirchneriella subcapitata 96h 12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static</p>	<p>11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow- through 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow- through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static</p>	<p>5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h</p>
<p>Methyl Acetate 79-20-9</p>	<p>120 mg/L EC50 Desmodesmus subspicatus 72h</p>	<p>250 - 350 mg/L LC50 Brachydanio rerio 96h static 295 - 348 mg/L LC50 Pimephales promelas 96h flow- through</p>	<p>1026.7 mg/L EC50 Daphnia magna 48h</p>
<p>Methanol 67-56-1</p>	<p>-</p>	<p>13500- 17600 mg/L LC50 Lepomis macrochirus 96h flow- through 18 - 20 mL/L LC50 Oncorhynchus mykiss 96h static 19500 - 20700 mg/L LC50 Oncorhynchus mykiss 96h flow-through 28200 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Pimephales promelas 96h static</p>	<p>-</p>
<p>Xylene</p>			

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1330-20-7	-	<p>13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 23.53 29.97 mg/L LC50 Pimephales promelas 96h static 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static 7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static 13.4 mg/L LC50 Pimephales promelas 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio 96h</p>	<p>0.6 mg/L LC50 Gammarus acustris 48h 3.82 mg/L EC50 water flea 48h</p>
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Persistence and Degradability: No information available

Bioaccumulation: No information available

Chemical Name	Partition Coefficient
Propane/Isobutane/N-Butane 68476-86-8	2.8
Toluene 108-88-3	2.65
Methyl Acetate 79-20-9	0.18
Methanol 67-56-1	-0.77
Xylene 1330-20-7	3.15

Other adverse effects: No information available

Section 13 - Disposal Considerations

Waste Disposal of Substance: Dispose in accordance to Federal, State, and Local regulations. Dispose of contents/containers to an approved waste disposal plant.

Container Disposal: Do not reuse empty containers

Section 14 - Transport Information

This product is not a reportable quantity product regulated by the U.S. Department of Transportation (DOT).

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Proper Shipping Name: Aerosols
 UN/Identification Number: UN1950
 Hazard Class: 4, Flammable
 Consumer commodity ORM-D of limited quantity

Packing Group: PGII
 DOT Reportable Quantity (lbs): N/A

NFPA Rating: Health: 2; Flammability: 4; Instability/Reactivity: 0

HMIS Health: 2; Flammability: 4; Physical Hazard: 1

Section 15 - Regulatory Information

International Inventories

Chemical Name	TSCA	DSL/NDSL
Calcium Carbonate	X	X
Propane/Isobutane/N-Butane	X	X
Petroleum Distillates	X	X
Toluene	X	X
Methyl Acetate	X	X
Methanol	X	X
Xylene	X	X
Carbon Black	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulatory Information:

OSHA Hazard Communication Standard: This product has been evaluated and determined to be hazardous as defined in the OSHA Hazard Communication Standard. US TSCA Chemical Inventory Section 8(b): This product and/or its components are listed on the TSCA Chemical Inventory.

CERCLA/SARA 302: None

CERCLA/SARA 304: None

CERCLA/SARA 313:

Chemical Name	CAS No	Weight %	SARA 313 Threshold Values %
Toluene	108-88-3	1-10	1.0
Methanol	67-56-1	0.1-1.0	1.0
Xylene	1330-20-7	0.1-1.0	1.0

SARA 311/312 HAZARD CATAGORIES:

ACUTE: Health Hazard

CHRONIC: Health Hazard

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FIRE: Combustible
REACTIVE: No
SUDDEN RELEASE: Sudden Release of Pressure Hazard

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Toluene - 108-88-3	1000 lb	X	X	X
Xylene - 1330-20-7	100 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQ's	Extremely Hazardous Substances RQ	RQ
Toluene 108-88-3	1000 lb	X	RQ 1000 lb final RQ RQ 454 kg Final RQ
Methanol 67-56-1	5000 lb	X	RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylene 1330-20-7	100 lb	X	RQ 100 lb final RQ RQ 45.4 kg final RQ

California Proposition 65:

This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

Chemical Name	California Proposition 65
Toluene - 108-88-3	Developmental Female Reproductive
Methanol - 67-56-1	Carcinogen
Carbon Black - 1333-86-4	Carcinogen

U.S. State Right to Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Calcium Carbonate 1317-65-3	X	X	X
Petroleum Distillates 64742-89-8			X
Toluene 108-88-3	X	X	X

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Methyl Acetate 79-20-9	X	X	X
Methanol 67-56-1	X	X	X
Xylene 1330-20-7	X	X	X
Carbon Black 1333-86-4	X	X	X

Note: User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.

Section 16 - Other Information

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty, or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.