

Issue Date No data available

Revision Date 29-Apr-2015

REVISION NUMBER: 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name 7031

Other means of identification

Product Code 7031

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

Details of the supplier of the safety data sheet

MANUFACTURED BY:

VON ROLL USA, INC.

200 VON ROLL DRIVE

SCHENECTADY, NY 12306

BUSINESS: (518) 344-7100

EMERGENCY: (518) 395-3310

Emergency telephone number

2. HAZARDS 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 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Label elements

Emergency Overview

Danger

Hazard statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause genetic defects

May cause cancer

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapor

**Appearance** No information available**PHYSICAL STATE** Liquid**ODOR** No information available**Precautionary Statements - Prevention**

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Wash face, hands and any exposed skin thoroughly after handling
 Contaminated work clothing should not be allowed out of the workplace
 Do not breathe dust/fume/gas/mist/vapors/spray
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ventilating/lighting/ ? /equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 Specific treatment (see ? on this label)
 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
 Take off contaminated clothing and wash before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 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

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other Information**

- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

Toxicity: Not determined

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	CAS No.	APPROX. WEIGHT PERCENT	TRADE SECRET
Ethyl Alcohol 64-17-5	64-17-5	30 - 60	

Acetone 67-64-1	67-64-1	10 - 30	
Xylene (Mixed Isomers) 1330-20-7	1330-20-7	10 - 30	
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	27360-07-2	10 - 30	
Ethyl Benzene 100-41-4	100-41-4	1 - 5	
n-Heptane 142-82-5	142-82-5	0.1 - 1	
Formaldehyde 50-00-0	50-00-0	0.1 - 1	

4. FIRST AID MEASURES

First aid measures

EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
SKIN CONTACT	Wash skin with soap and water.
Inhalation	Remove to fresh air.
INGESTION	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Special Hazards:

None Known.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	ACGIH TLV	OSHA PEL-TWA	NIOSH IDLH
Ethyl Alcohol 64-17-5	STEL: 1000 ppm	1000	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	1000	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
Xylene (Mixed Isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	100	-
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	PARTICULATES: 15	-
Ethyl Benzene 100-41-4	TWA: 20 ppm	100	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
n-Heptane 142-82-5	STEL: 500 ppm TWA: 400 ppm	500	IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m ³ 15 min TWA: 85 ppm TWA: 350 mg/m ³
Formaldehyde 50-00-0	Ceiling: 0.3 ppm	0.75	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm

Appropriate engineering controls

ENGINEERING CONTROLS: Exhaust ventilation.
Showers.
Eyewash stations.
Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

Von Roll recommends evaluation and selection of appropriate engineering controls (such as ventilation and eyewash/safety shower) as well as appropriate personal protective equipment (such as respiratory protection, protective gloves, eye protection) for safely handling this material. The following guidelines should be considered in this process.

EYE PROTECTION: Splash Goggles.

GLOVES:	Polyvinyl alcohol gloves. Viton rubber gloves.
VENTILATION:	Use only in well ventilated area. Localized mechanical ventilation.
RESPIRATORY PROTECTION:	Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded, or over exposure is likely.
OTHER PERSONAL PROTECTION DATA:	Rubber apron or other chemical-resistant apron. Face shield.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

PHYSICAL STATE	Liquid	ODOR:	AROMATIC
Appearance	No information available	ODOR THRESHOLD	UNKNOWN
DESCRIPTION:	AMBER	(PPM):	

<u>PROPERTIES</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	-20 °C / -4 °F	
EVAPORATION RATE	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	12.8	
Lower flammability limit:	1.0	
VAPOR PRESSURE	No information available	
VAPOR DENSITY	No information available	
SPECIFIC GRAVITY	0.89	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
DENSITY	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

REACTIVITY

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

CONDITIONS TO AVOID

Keep away from heat, sparks and flame.

Incompatible materials

Avoid contact with acidic, basic or oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide. Toxic fumes. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

PRODUCT INFORMATION	No data available
Inhalation	No data available.
EYE CONTACT	No data available.
SKIN CONTACT	No data available.
INGESTION	No data available.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Acetone 67-64-1	= 5800 mg/kg (Rat)	-	= 50100 mg/m ³ (Rat) 8 h
Xylene (Mixed Isomers) 1330-20-7	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)	> 4350 mg/kg (Rabbit) > 1700 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h > 5.04 mg/L (Rat) 4 h
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-
Ethyl Benzene 100-41-4	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)	= 15400 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 17.2 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h
n-Heptane 142-82-5	-	= 3000 mg/kg (Rabbit)	= 103 g/m ³ (Rat) 4 h
Formaldehyde 50-00-0	= 600 mg/kg (Rat)	= 270 mg/kg (Rabbit)	= 0.578 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

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

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol 64-17-5	A3	Group 1	Known	X
Acetone 67-64-1	-	-	-	-
Xylene (Mixed Isomers) 1330-20-7	-	Group 3	-	-

Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-	-
Ethyl Benzene 100-41-4	A3	Group 2B	-	X
n-Heptane 142-82-5	-	-	-	-
Formaldehyde 50-00-0	A2	Group 1	Known	X

Reproductive toxicity No information available.

STOT - single exposure No information available.

Aspiration hazard No information available.

Numerical measures of toxicity - PRODUCT INFORMATION

Toxicity: Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 6899 mg/kg

ATEmix (dermal) 5818 mg/kg mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

29.5159% of the mixture consists of component(s) of unknown hazards to the aquatic environment

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Acute Algae Toxicity:	Acute Fish Toxicity:	Crustacea
Ethyl Alcohol 64-17-5	-	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static
Acetone 67-64-1	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
Xylene (Mixed Isomers) 1330-20-7	11: 72 h Pseudokirchneriella subcapitata mg/L EC50	13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50	0.6: 48 h Gammarus lacustris mg/L LC50 3.82: 48 h water flea mg/L EC50
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-

Ethyl Benzene 100-41-4	1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 11: 72 h Pseudokirchneriella subcapitata mg/L EC50 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 9.6: 96 h Poecilia reticulata mg/L LC50 static	1.8 - 2.4: 48 h Daphnia magna mg/L EC50
n-Heptane 142-82-5	-	375.0: 96 h Cichlid fish mg/L LC50	10: 24 h Daphnia magna mg/L EC50
Formaldehyde 50-00-0	-	0.032 - 0.226: 96 h Oncorhynchus mykiss mL/L LC50 flow-through 100 - 136: 96 h Oncorhynchus mykiss mg/L LC50 static 22.6 - 25.7: 96 h Pimephales promelas mg/L LC50 flow-through 23.2 - 29.7: 96 h Pimephales promelas mg/L LC50 static 1510: 96 h Lepomis macrochirus µg/L LC50 static 41: 96 h Brachydanio rerio mg/L LC50 static	11.3 - 18: 48 h Daphnia magna mg/L EC50 Static 2: 48 h Daphnia magna mg/L LC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Partition coefficient
Ethyl Alcohol 64-17-5	-0.32
Acetone 67-64-1	-0.24
Xylene (Mixed Isomers) 1330-20-7	2.77 - 3.15
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-
Ethyl Benzene 100-41-4	3.118
n-Heptane 142-82-5	4.66
Formaldehyde 50-00-0	0.35

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

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

Contaminated packaging

Do not reuse container.

EPA HAZARDOUS WASTE DISPOSAL CODE: D001, RQ = 100 lb / 45.4 kg.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	RCRA Classification:	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Ethyl Alcohol 64-17-5	-	-	-	-

Acetone 67-64-1	-	Included in waste stream: F039	-	U002
Xylene (Mixed Isomers) 1330-20-7	-	Included in waste stream: F039	-	U239
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-	-
Ethyl Benzene 100-41-4	-	Included in waste stream: F039	-	-
n-Heptane 142-82-5	-	-	-	-
Formaldehyde 50-00-0	U122	Included in waste streams: K009, K010, K038, K040, K156, K157	-	U122

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Ethyl Alcohol 64-17-5	-	-	-	-
Acetone 67-64-1	-	-	-	-
Xylene (Mixed Isomers) 1330-20-7	-	-	-	-
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-	-
Ethyl Benzene 100-41-4	-	-	-	-
n-Heptane 142-82-5	-	-	-	-
Formaldehyde 50-00-0	-	-	-	-

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	California Hazardous Waste Status
Ethyl Alcohol 64-17-5	Toxic Ignitable
Acetone 67-64-1	Ignitable
Xylene (Mixed Isomers) 1330-20-7	Toxic Ignitable
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-
Ethyl Benzene 100-41-4	Toxic Ignitable
n-Heptane 142-82-5	Toxic Ignitable
Formaldehyde 50-00-0	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: ADHESIVES
DOT HAZARD CLASS: 3
DOT PACKING GROUP: PG II
DOT LABEL(S): FLAMMABLE LIQUID
UN/NA NUMBER: UN1133
PLACARDS: FLAMMABLE LIQUID
ICAO/IATA: 3, II
MARINE POLLUTANT: NONE
NMFC CLASSIFICATION: CLASS 55

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

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

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ethyl Alcohol 64-17-5	-	-	-	-
Acetone 67-64-1	-	-	-	-
Xylene (Mixed Isomers) 1330-20-7	100 lb	-	-	X
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-	-
Ethyl Benzene 100-41-4	1000 lb	X	X	X
n-Heptane 142-82-5	-	-	-	-
Formaldehyde 50-00-0	100 lb	-	-	X

CERCLA

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Hazardous Substances RQs	CERCLA/SARA RQ
Ethyl Alcohol 64-17-5	-	-

Acetone 67-64-1	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylene (Mixed Isomers) 1330-20-7	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-
Ethyl Benzene 100-41-4	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ
n-Heptane 142-82-5	-	-
Formaldehyde 50-00-0	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

US State Regulations**CALIFORNIA PROPOSITION 65**

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	CALIFORNIA PROPOSITION 65
Ethyl Alcohol 64-17-5	Carcinogen Developmental
Acetone 67-64-1	-
Xylene (Mixed Isomers) 1330-20-7	-
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-
Ethyl Benzene 100-41-4	Carcinogen
n-Heptane 142-82-5	-
Formaldehyde 50-00-0	Carcinogen

U.S. State Right-to-Know Regulations

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	New Jersey Right-to-Know List:	MA Right to Know Law:	Pennsylvania Right to Know List
Ethyl Alcohol 64-17-5	X	X	X
Acetone 67-64-1	X	X	X
Xylene (Mixed Isomers) 1330-20-7	X	X	X
Vinyl Butyral-Vinyl Acetate-Vinyl Alcohol Polymer 27360-07-2	-	-	-
Ethyl Benzene 100-41-4	X	X	X
n-Heptane 142-82-5	X	X	X
Formaldehyde 50-00-0	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA RATING: HEALTH 2 , FLAMMABILITY 3 , INSTABILITY 0
HMIS CLASSIFICATION: HEALTH *2 , FLAMMABILITY 3 , PHYSICAL HAZARD 0

Prepared By Santino M. Cardella
Revision Date 29-Apr-2015
Revision Note
 No information available

Disclaimer

The information provided in this Material 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.

*****END OF MSDS*****