



# **Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core**

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

## 1.1. Product identifier

ÚI [ å^&cÁ~[ : { Á

KÁ TÀGCC^I^Á

Ú! [ å ^ & c Á } æ { ^ Á

KÁ Úæ}å , å&@Úæ}^|•Å[ { } [ •^åÅ[-ÅØæå^! \*|æ••ÅØæå|å&Ü^å}-[ !&åÅÚ@^ } |å&ÅØæå} \*ÅÙ\å}•ÅÓ{ }å^åÍc{ Å

Uc@^;{ ^æ }•[ ~åå^ }cå~å&æcå[ }å

## **Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core**

Ùæ~^c^ ÁÖæcæÁÙ@^&cÁ

æ&[ lâa}\* Ác[ ÁØ^å^a^!æ|HÜ^\*i^o^c^hÁX[ ]ÉÍ^I^EÁP[ ÉÍ^I^AÁT[ }åæ^É^Tæ!&@ÁG^É^G^F^G^ÁU^\*|^\*^æcá[ }•

# Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core

Ùæ-~c^ÁÖæææ\Ù@^~çá

æ&&[ i:å:}\*åc[åøå~i:æ|Ü^\*~c^!åX[|éåT TéP[éå i ååT [ }åæ^éåTæ:&@åGîéFGéGéÜ^|~\*åæ}åñÜ^\*~|æé[ ]•

Øç][[•i[ ]å@æ:æiåå

åå Øæ}åå^&[ { ][ •åå}åæåå!åå^ { åccå}\*åc[åå&å~{ ~\*åæ)åå\*å•å[~&æåå[ ]ååå[ååå^éå&æåå[ ]å{ [ ]][ååå^éå{ ~\*åæ}åå- [ { ååå^éå~åå^éå]@å} [éå@~åå[ \*~å}åå^éå@~åå[ \*~å}ååå[ { ååå^éå@~åå[ \*~å}å&@| [ååå^éå[ ååå^éå[ ~åå[ \*~å}åå- { å||åå{ [ ~}ååå[ ~ååå]@ååå@~åå[ &æåå[ }•åå[ c@ååå[ ååå&åå]åå

**Sandwich Panels composed of Fiberglass Fabric-Reinforced  
Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core**

Ùæ-^c^ÁÖæcæÂ

# **Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core**

Ùæ~^c^ÁÖæcæÁÙ@^^cÁ

æ&&[!åä}\*Ac[ÅØÅå^æ]Ü^\*å•c^åðÄX[|ÉA|ÉÅp[ÉA|ÉÅÄT[ } ] åæ^ÉATæ!&@ÄG|ÉGEGÅÅÜ^|å•åæ]åÅÜ^\*|æçá[ } •

Ǖ[̄]æcāç^åç] [̄æcāç] { ålær^åçà ^ c^ åæ&æcæ^MFDÅ	KÁ [̄åæcæl^åçæ] ålå å
T[ç] [̄] [̄]ç] Å[̄]ç	KÁ [̄åæcæl^åçæ] ålå å
Ø!^Å:å} *Å] [̄]ç	KÁ [̄åæcæl^åçæ] ålå å
Ó[å] *Å] [̄]ç	KÁ [̄åæcæl^åçæ] ålå å
Ø!æ@Å] [̄]ç	KÁ [̄åæcæl^åçæ] ålå å
Œ^c[Éä*]æc] { åc^ { }  æc^ !Å	KÁ [̄åæcæl^åçæ] ålå å
Ö^æ[ { } [•æc] { } Å^ { } ]  æc^ !Å	KÁ [̄åæcæl^åçæ] ålå å
Ø!ç { { åå!åç^Åç• [iaÅÄ*æ•DÅ	KÁ [̄åæcæl^åçæ] ålå å
Xç] [̄]!Å!Å• !Å	KÁ [̄åæcæl^åçæ] ålå å
Ǖ[̄]æcāç^åç] [̄åh^] •æ^åæcGÅ!Å	KÁ [̄åæcæl^åçæ] ålå å
Ǖ[̄]æcāç^åç] •æ^Å	KÁ ÈFFÈFF*Å&Å
Ü[ `åä]äc^Å	KÁ W} \} [ , }Å
Š[*ÅU[ , Å	KÁ [̄åæcæl^åçæ] ålå å
Š[*ÅS[ , Å	KÁ [̄åæcæl^åçæ] ålå å
Xä•&[•æc^Å!å] ^ { åæ&å	KÁ [̄åæcæl^åçæ] ålå å
Xä•&[•æc^Å!å} æ { &Å	KÁ [̄åæcæl^åçæ] ålå å
Öç] [•æç^Å!] ![]  æcä•Å	KÁ [̄åæcæl^åçæ] ålå å
Uçää:å} *Å![]  æ!çä•Å	KÁ [̄åæcæl^åçæ] ålå å
Öç] [•æç^Å!å { æ•Å	KÁ [̄åæcæl^åçæ] ålå å

## 9.2. Other information

Þ [ Áæåååcā [ } æ]Áā } - [ ! { æcā [ } Áæçæä|æà| ^ Á

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Þ [ Áæååååcā [ } æ|Áā } - [ ! { æcā [ } Áæçæä|æà| ^ Á

## 10.2. Chemical stability

Ú! [å̄ & c Á • Á • c æ à | ^ È Á Á P æ : æ ! å [ ^ • Á ] [ | ^ {

### 10.3. Possibility of hazard

Þ [ Æååååçá [ } æ|Åå } ~ [ ! { æçá [ } Åæçæä|æà| ^ Å

#### 10.4. Conditions to avoid

$\vdash [A\alpha\alpha\bar{a}c] \rightarrow [ [ \alpha c ] A\alpha\bar{c}a\bar{a}]$

### 10.3. Incompatible materials

## 10.6. Hazardous decomposition products

© a; [æ;a] • LA [cʌ^;] AC [ca&Ae} aAa; acacca} - A - æ•^•A&æ} Aa^

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

<b>Flame Retardant (Proprietary)</b>	██████████ { *Ø\*À[å^À, ^À*@ç
ŒVØÀWÙÀç [ tæ]DÀ	KÁ þ [ç& æ••à-^å
Ù\À)À& [ ! [ •à[ } ðæt ] àææç [ } À	KÁ þ [ç& æ••à-^å
Ù^À[ `•À^Àåæ { æ*^ðæt ] àææç [ } À	KÁ þ [ç& æ••à-^å
Ù^• ] àæc [ ! ^À[ !À\À]À^•æ : ææc [ } À	KÁ þ [ç& æ••à-^å
ÖÀ: { À&À { `çæ*^} à&æÀ	KÁ þ [ç& æ••à-^å
ÖÀ: &À { *À] à&æÀ	KÁ Tæ^À&À { *À] à&æÀ

## Fiberglass (65997-17-3)

# **Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core**

Ùæ~^c^ÁÖæcæÁÙ@^&cÁ

æ&&[l:å:}\*Ac[åØ^å^;æ|Ü^\*å^;åBÁX[|É|I|ÉÅP[ÉA|I|ÅÁT[ ]åæ^ÉATæ!&@|G|ÉGEGÅÅU^|Å•Åæ]åÅÜ^\*|æcå{ }•

## Fiberglass (65997-17-3)

Þæci [ } ] A[ V [ cí& [ ] \* ^ ÁU] [ \* ^ Iæ [ ÁCþVÚÐAæc̄ ^ A HÆAÚ^æc̄ [ ] Ææ [ ^ Ák] c&á] æc^ák [ kA^ækP^ { æ} [ ^ Óæk&i] [ \* ^ } A

## Polyvinyl/fluoride polymer containing less than 0.025% nickel antimony titanium yellow pigment as nickel compounds (24981-14-4)

QEÜÖÁ\*Í\*~\*Á FÄÉÖä;ä{ [\*^}ä;ä{ Á@~\*{ æ}\*Á  
 þæc{ }æ{ÁV{ cä;ä{ }í\*~\*^ÄU{ r\*{ ä{ ÁCPVÚDÄcæ\*~Á GÄÉAS{ }{ }ÄP~{ æ}{ ÄÖä;ä{ [\*^}ä{ Á

Ü^]!![ å~&cäç^Äc|[ çä&äc^Ä

Ù] ^&á&á&Ácæ! \*^cÁ[ | \* æ} Ác[ çá&áç^Ác•á} \*| ^Á^ç] [ •^ | ^DÁ

KÁ PÍČÁ&|æ••ã~ã^ãÁ

KÁ Ôæ^•ʌ•Ååæ { æ\*^Ác[Á[!\*æ}•É

Ù] ^&á&á&Ácæ| \*^cÁ[ | \* æ } Ác [ cå&åc^ÁC| ^ ] ^æc^åÅ

^C] [•^| ^DÁ

KÁ PÍČÁ&|æ••á~á^áÁ

OE• ] å!æcå[ } Á@æ:æ!åÁ

Ù^ { ]c[ { •Đā} b~\l a^•Á

KÁ ▷ [cÁ&|æ••å~å^åÅ

KÁ Æ•Á] æ&\æ\*^åÊ

**Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a**

# Sandwich Panels composed of Fiberglass Fabric-Reinforced Phenolic Facing Skins Bonded to a Nomex® Aramid Honeycomb Core

Üæ~c^ÄÖæææ\Ù@^~çá

æ&&[ ;åå}\*åc[ åøåååæ|Ü^\*åçååX[ |éåT[ ]åæ^ååTæ;&@åGîåFGåÜ^|å•åæ}ååÜ^\*^|æç[ ]\*

## Flame Retardant (Proprietary)

WÉUEÅEÅÖæ]å[ !]åæåÅ

Ü[ ] [ \*æç[ ]ååÅ

Öæ!&å} [ \*^}•ÅSå•å